

STIC Database Tracking Number: 291404

To: Sind Phongsvirajati
Location: KNX 5B25
Art Unit: 3686
Date: 04/08/2009
Case Serial Number: 10/755037

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Search Notes

Dear Examiner Phongsvirajati:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, EBSCOhost, ProQuest, Nexis, IEEE and the internet.

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

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**EIC-Searcher identified “potential references of interest” are selected based upon their apparent relevance to the terms/concepts provided in the examiner’s search request.*

I. Potential References of Interest

A. Dialog

9/3,K/10 (Item 10 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0013351253 & & *Drawing available*

WPI Acc no: 2003-439108/200341

Related WPI Acc No: 1999-095420; 2001-181442; 2001-450971; 2001-521030; 2001-656469

XRPX Acc No: N2003-350328

Three-dimensional image generation method for medical application, involves displaying three-dimensional perspective image of patient generated by manipulating data representing structural information of scan data

Patent Assignee: UNIV LELAND STANFORD JUNIOR (STRD)

Inventor: SHAHIDI R

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030032878	A1	20030213	US 199620664	P	19960628	200341	B
			US 1997884289	A	19970627		
			US 1999411363	A	19990930		
			US 2000747463	A	20001222		
			US 2002229911	A	20020827		

Priority Applications (no., kind, date): US 199620664 P 19960628; US 1997884289 A 19970627; US 1999411363 A 19990930; US 2000747463 A 20001222; US 2002229911 A 20020827

Three-dimensional image generation method for medical application, involves displaying three-dimensional perspective image of patient generated by manipulating data representing structural information of scan data Alerting Abstract ...based on which a virtual image data representing structural information is formed to distinguish selected features of the patient. After selecting a view point for **displaying** the image of the **patient**, the **virtual image data** is manipulated to generate and **display** a three-dimensional perspective image. Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**in real time and conveyed to the computer. The computer memory is loaded with data from an MRI, CT, or other volumetric scan of a **patient**, and this **data** is utilized to **dynamically display** 3-dimensional perspective **images** in real time of the **patient's anatomy** from the viewpoint of the **pointer**. The **images** are segmented and displayed in color to highlight **selected anatomical** features and to **allow** the viewer to see beyond obscuring surfaces and structures. The displayed image tracks the movement of the instrument during surgical procedures. The instrument may include...

9/3,K/13 (Item 13 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0011030542 & & *Drawing available*

WPI Acc no: 2001-656469/200175

Related WPI Acc No: 1999-095420; 2001-181442; 2001-450971; 2001-521030; 2003-439108

XRPX Acc No: N2001-489360

Three-dimensional object image generation method in medical and surgical fields, involves manipulating virtual image data by which three-dimensional perspective object image is generated and displayed

Patent Assignee: UNIV LELAND STANFORD JUNIOR (STRD)

Inventor: SHAHIDI R

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010029333	A1	20011011	US 199620664	P	19960628	200175	B
			US 1997884289	A	19970627		
			US 2001728649	A	20010228		

Priority Applications (no., kind, date): US 199620664 P 19960628; US 1997884289 A 19970627; US 2001728649 A 20010228

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**in real time and conveyed to the computer. The computer memory is loaded with data from an MRI, CT, or other volumetric scan of a **patient**, and this **data** is utilized to **dynamically display** 3-dimensional perspective **images** in real time of the **patient's anatomy** from the viewpoint of the **pointer**. The **images** are segmented and displayed in color to highlight **selected anatomical** features and **to allow** the viewer to see beyond obscuring surfaces and structures. The displayed image tracks the movement of the instrument during surgical procedures. The instrument may include...

22/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0006535933 & & *Drawing available*

WPI Acc no: 1993-345262/199343

Related WPI Acc No: 1998-331864; 1996-230126

XRPX Acc No: N1993-266588

System for generating and processing synthetic and absolute real time remote environments for interaction with user - stores, retrieves and processes data to generate output which interfaces with user

Patent Assignee: REDMOND PRODN INC (REDM-N)

Inventor: REDMOND S; REDMOND S D

Patent Family (5 patents, 45 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5255211	A	19931019	US 1990483547	A	19900222	199343	B
WO 1995011479	A1	19950427	WO 1993US9993	A	19931018	199522	NCE
AU 199457255	A	19950508	WO 1993US9993	A	19931018	199533	NCE
			AU 199457255	A	19931018		
EP 724749	A1	19960807	WO 1993US9993	A	19931018	199636	NCE
			EP 1994903237	A	19931018		
JP 9506190	W	19970617	WO 1993US9993	A	19931018	199734	NCE
			JP 1995511711	A	19931018		

Priority Applications (no., kind, date): US 1990483547 A 19900222; WO 1993US9993 A 19931018; AU 199457255 A 19931018; EP 1994903237 A 19931018; JP 1995511711 A 19931018

Alerting Abstract ...memory and an umbilical-less sensor. A co-matrixed averaging unit processes data from the sensor. An environmental modelling unit including a parallel processor generates **images of interactive body parts** of the **user**. There are also a stimuli unit, a controller and a voice communication unit allowing the user to select the environment... nonintrusive sensing of the position and movement of the user's body within a three dimensional matrix, said umbilical-less sensor means further sensing user **health telemetry data**; c) co-matrixed averaging means for processing data from said umbilical-less sensor means, the output of said co-matrixed averaging means being connected to said image and sound processor; d) environmental modeling means for receiving data from said umbilical-less sensor means and for generating images of **interactive body parts of said user in response** to said data, said environmental modeling means further including parallel processor means for generating real time absolute and synthetic environment output in response to preselected...

10/3K/5 (Item 3 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00900333

STRUCTURED SPEECH RECOGNITION

RECONNAISSANCE STRUCTUREE DE LA PAROLE

Patent Applicant/Patent Assignee:

CYBERPULSE LLC

215 Lakeside Place, Highland Park, IL 60035; US; US(Residence); US(Nationality)

Inventor(s):

ROBERGE James

18 West 184 Holly Avenue, Darien, IL 60561; US

WOLFER James

10173 Castner Drive, Berrien Springs, MI 49103; US

SOBLE Jeffrey

215 Lakeside Place, Highland Park, IL 60035; US

Legal Representative:**SAMPLES Kenneth H(et al)(agent)**

Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603; US;

	Country	Number	Kind	Date
Patent	WO	200233691	A1	20020425
Application	WO	2001US42133		20010913
Priorities	US	2000241199		20001017
	US	2001939392		20010824

Detailed Description:

...tool may be included in the keyboard user interface window. In certain preferred embodiments wherein the 2o database populated by the current invention is a **medical records** database, the graphical interface may contain a portion of human **anatomy**. A user may **select** "hot spots" on the graphical interface tool for "global" navigation and data entry by triggering macros. Typically, where the graphical interface tool is included, a...

17/3K/6 (Item 6 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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00925372

COMPUTERIZED MEDICAL DIAGNOSTIC AND TREATMENT ADVICE SYSTEM INCLUDING NETWORK ACCESS**Patent Assignee:****First Opinion Corporation;** (2787180)

8258 Prestwick Drive; La Jolla, CA 92037-2046; (US)

(Proprietor designated states: all)

Inventor:**Iliff, Edwin C.**

8258 Prestwick Drive; La Jolla, CA 92037-2046; (US)

Legal Representative:**Musker, David Charles et al (62142)**

R.G.C. Jenkins & Co. 26 Caxton Street; London SW1H 0RJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	912957	A1	19990506	(Basic)
	EP	912957	B1	20041208	
	WO	1998002837		19980122	

Application	EP	97937972		19970711	
	WO	97US12162		19970711	
Priorities	US	21614	P	19960712	
	US	21615	P	19960712	

Specification: ...the system 100 proceeds to a complaint menu at state 475 and recites a list of algorithms dealing with the problem that corresponds to the **anatomic** system **selected**. The patient then selects an algorithm from the list.

If the patient is not sure of the anatomic system, the system 100 attempts to identify...file,

- * can calculate values based on patient data and inputs,
- * can interpret mouse clicks on active screen images, so that the patient can respond by **clicking on anatomical** and medical charts, drawings, and photos,
- * can appear to react to patient responses much like a GUI-based program,
- * can be maintained and updated by... ..display graphic drawings and images to illustrate anatomical features;
- * instruct, illustrate, and exemplify meanings of words and phrases;
- * display photographic images as samples of lesions;
- * **display medical** charts to compare the **patient's health status** to population averages;
- * use multiple, overlapping or tiled screen displays to present data;
- * display moving images to inquire about motion ranges;
- * input one-digit or... ..the patient "fill in a form" to be submitted to MDATA;
- * select responses from a list of choices presented on the screen;
- * point to a **selected** area of an **anatomical** drawing or image;
- * **click** the mouse to indicate intensities on a chart that shows a range of intensities;
- * use hypertext and hypergraphics "links" to control the diagnostic sequence;
- * provide...

Claims: ...received information classified from among a group consisting of anatomic system, cause, alphabetic grouping and catalogue number.

6. The system of claim 5, wherein the **anatomic** system is **selected** from among a group consisting of cardiovascular, respiratory, nervous, digestive, ear/nose/throat, ophthalmology, gynaecology/obstetrics, urology, blood/haematology, skin, musculoskeletal and endocrine.

12/3,K/4 (Item 1 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

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01683641 **Supplier Number:** 15395148 (Use Format 7 Or 9 For FULL TEXT)

HouseCall eases medical choices. (Applied Medical Informatics) (Brief Article) (Product Announcement)

Welch, Nathalie

MacWEEK , v8 , n22 , p5(1)

May 30 , 1994

Document Type: Product Announcement

ISSN: 0892-8118

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 254 **Line Count:** 00020

...and medical terms.

HouseCall includes information on 1,110 disease symptoms and creates a ranked list of probable causes when users type in symptoms or **click** on **body-part** icons. AMI said users will be able to maintain an unlimited number of personal **medical records** .

HouseCall provides data on 2,890 drugs, including side effects and adverse drug interactions. An on-line medical encyclopedia contains more than 10,000 terms...

17/3,K/3 (Item 1 from file: 621)

DIALOG(R)File 621: Gale Group New Prod.Annou.(R)

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01081972 **Supplier Number:** 40470374 (USE FORMAT 7 FOR FULLTEXT)

APPLE DEMONSTRATES SOLUTIONS FOR HEALTH CARE PROFESSIONALS AT AHA CONVENTION

News Release , p 1

August 8 , 1988

Language: English **Record Type:** Fulltext

Document Type: Magazine/Journal ; Trade

Word Count: 567

-

...by Aries

Systems Corporation; Report and Image Management System, for use by nuclear medicine departments, from Medical Image Processing Specialists, Inc.; and MacMED, an interactive **medical record** system,

from JAM Technologies. **Note: See "M.E.D. Patient" reference in "Additional Resources Section below for more information.**

Also highlighted at the show is the Stanford Medical School research project, the "electronic cadaver," an **interactive** electronic **anatomy** textbook.

The exhibit also includes the MacWorkStation software, Macintosh II and SE computers, a variety of peripheral devices, and Apple connectivity solutions for connection to...


B. Additional Resources Searched

<http://www.jamsoft.com.au/medpatient.asp>

M.E.D. Patient:

M.E.D. is an acronym for Medical Electronic Desktop. The aim of all M.E.D programs is to replace the old wooden or steel filing cabinet with their electronic successors. M.E.D. products save time and space. They are user friendly and exceptionally adaptable to your individual needs.

In M.E.D. Patient, all patient records from consultations and prescriptions to recurring problems and referral letters are kept in the one electronic patient file. Security is guaranteed and easily accessible via the medical electronic desktop, and offers an efficient and remarkably simple way of managing your health care records.

Supported operating systems include Apple Macintosh 

Multiple Formats

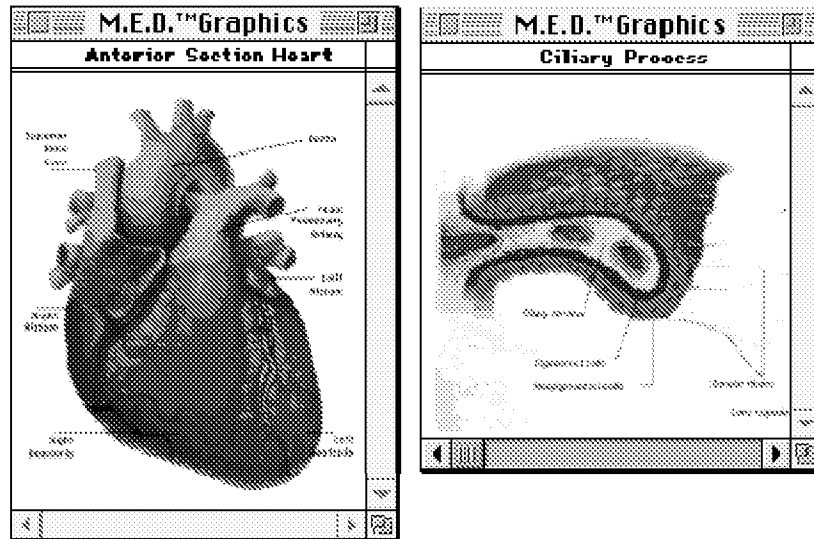
The multiple formats of M.E.D. Patient allow you to keep your patient records in any standard format, including traditional, problem-oriented (SOAP), checklists, prescriptions, referrals, letters, order forms and results, and more, customisable to your own individual needs.

Reminders, Recalls and danger alerts

Patient reminders and recalls automatically appear on-screen and you can be notified of any known drug-drug, drug-path and path-path interactions.

Graphics

M.E.D. Patient's superior graphics tools enables efficient storage of X-rays, photos and diagrams. You can annotate and draw on these graphics as well as automatically link this important patient-specific information on letters, order forms, summaries and other correspondence.



Customisation

M.E.D. Patient's companion program, M.E.D. Maker, allows for complete customisation of patient record keeping templates including forms, protocols, knowledge base and graphic drawing templates. This means you have complete point-and-click control of your patient records and can easily customise templates to suit your particular needs without any line or command-oriented programming whatsoever.

Summary of Features

- Multiple formats / easily tailored records.
- Automatic linking of patient information.
- Recalls and Reminders.
- Danger Alerts.
- Quick review lists of patient conditions.
- Automatic insertion of patient information into forms, letters and reports.
- Full word processing.
- Graphics, body charts, photographs and X-Rays.
- Unrestricted data entry.
- On-line help and personal notes.
- Patient education material.

ProQuest

TEXT("medical history") AND TEXT(click) AND TEXT((body or bodies) w/5 (part or parts)) AND PDN(<1/16/1997)*

Reviews: Home Medical Advisor Pro

Huffman, Eddie. Compute. Greensboro: Aug 1994. Vol. 16, Iss. 8; pg. 104, 2 pgs

Abstract (Summary)

Huffman reviews Pixel Perfect's Home Medical Advisor Pro software on CD-ROM.

» [Jump to indexing \(document details\)](#)

Copyright © [General Media International](#) Aug 1994

If you're among the fainthearted, Home Medical Advisor Pro from Pixel Perfect isn't for you. On second thought, maybe it is. Let's just say HMA Pro isn't very pleasant to look at. In some ways, however, it's very easy to look at.

Confused? Don't be. Actually, HMA Pro is an excellent CD-ROM reference tool for looking up medical concerns large and small. The only things hard to look at are the graphic medical images--the picture of a guy with a knife in his back, for instance, or the video footage of joint replacement surgery. So if you are fainthearted, just keep the graphics turned off. And while you may not want to use the very graphic medical graphics for your screen saver, they can be invaluable for illustrating any number of ailments and maladies.

The program is easy to look at in the sense that finding information couldn't be simpler or more intuitive. Let's say you have an inexplicable rash on your skin--1 of the more than 1000 symptoms covered by HMA Pro. If so, there are a number of easy routes to a quick diagnosis. Since HMA Pro employs a fairly standard Windows interface, it's easy to take action using a mouse and only slightly more difficult to employ the keyboard.

To begin with, from HMA Pro's main screen you can use the mouse to move the cursor to the **body part** giving you trouble. You select a male or female image and see the full body from the front and rear and a closeup view of the head, allowing you to choose any **part** of the **body**. Once you select a **part**, HMA Pro gives you a choice of symptoms to explore further. After **clicking** on a symptom, you can get more information from 1 of more than 20,000 hypertext links, or you can take a question-and-answer test for a diagnosis of your particular problem.

There are other ways to go about getting more information, too. Just pressing a button will take you to files for diseases, injuries, poisons, health and diet, and prescription medicine. You can do text searches, scan photograph and video libraries, consult a medical glossary to look up unfamiliar words, and check your own **medical history** with a new HMA Pro feature: Your Medical Records. It allows you to enter your own **medical history** from a series of menus, and its Interact feature allows you to check the effects of mixing prescription drugs with each other or with other substances, such as alcohol or vitamins.

I can't personally attest to the accuracy of HMA Pro, but according to Pixel Perfect, a large number of doctors in many different fields make up the board of review for the program. The information is presented in straightforward layman's terms, with a medical glossary always handy for terms that are unfamiliar.

Photographs and videos appear in 256-color Super VGA. And everything loaded quickly and ran smoothly when I used the program on a 486-66 machine with 16MB of RAM and a double-speed CD-ROM drive. Even though it's CD-ROM based, the program takes up about 5MB on your hard drive.

While some of the video images are unquestionably gratuitous (how helpful or universal, for instance, is a video of two people cruising by using underwater scooters with a message about their safe use?), most of the features of HMA Pro serve a clear and useful purpose. And HMA Pro improves on its floppy-based predecessor not only by adding full-color photographs and videos but also by allowing you complete control over what you see. You can choose from several color combinations for the text and set the graphics to come on automatically, only after the program prompts you for them, or not at all. So even if you are fainthearted, don't shy away from Home Medical Advisor Pro. Whether you're just checking the interaction of two prescriptions or looking into a major disease, it's a quick and simple way to get helpful information.

Google

Doorway to the Future

S Satava, MD FACS - Medicine Meets Virtual Reality: Global Healthcare Grid, 1997 - books.google.com
... This information and more is stored in each pixel of the patient's representative image (a **medical avatar**) such that the image of each structure and organ ...

⑧ "see into the body with Xray vision", which in this case is ultrasound vision of actual blood flow. With the imaginative concept of information equivalents, the challenge to the reader is to discover not only in this book but also in daily surgical practice, ways of enhancing their capabilities for patient care.

The potential of this innovative approach to medicine can be best illustrated by the results of a "blue sky" brainstorming session in late 1995. This rudimentary idea is referred to as the "Doorway to the Future"

and touches upon how information equivalents tie together the fabric of medicine. It was inspired by the many technologies under investigation, and integrates them into a meaningful system of complementary technologies. The following scenario is used to illustrate how the future could be 20, 50, or perhaps 100 years from now.

A patient enters a physician's office, and passes through a doorway, the frame of which contains many scanning devices, from CT scan to MRI to ultrasound to near infra red and others. These scanners not only acquire anatomic data, but also physiologic and biochemical (like the pulse oximeters) data. When the patient sits down next to the physician, a full 3-D holographic image of the patient appears suspended upon the desktop - a visual integration of the information acquired just a minute before by the scanners. When the patient expresses the complaint of pain over the right flank, the physician can rotate the image, remove various layers, and query the representation of the patient's liver or kidney regarding the LDH, SGOT, alkaline phosphatase, serum creatinine or other relevant information. This information and more is stored in each pixel of the patient's representative image (a medical avatar) such that the image of each structure and organ (such as the liver) stacks up into a "deep pixel" all the relevant information about the structure. Each pixel contains not only anatomic data but biochemical physiologic, past historical, etc., so that information can be revealed directly from the image rather than searching through volumes of written medical records or a prolonged computer database search. Should a problem or disease be discovered, the image can be immediately used for patient education, instantly explaining to the patient on their own avatar what the problem might be. Should a surgical problem be discovered, this same image can be used by the surgeon for pre-operative planning, or imported into a surgical simulator to practice a variety of different approaches to a difficult surgical procedure that will be performed upon the patient the next morning. At the time of operation, the image can be fused with a video image and used for intraoperative navigation or to enhance precision, as in stereotactic surgery. During the post operative visits, a follow-up scan can be compared to the pre-operative scan, and using digital subtraction techniques, the differences can automatically be processed for outcomes analysis. Since the avatar is an information object, it can be available and distributed (through telemedicine) anytime and any place. Thus, this single concept of replacing the written medical record (including xray and other images) with the visual record of a medical avatar permits the entire spectrum of health care to be provided with unprecedented continuity.

Without doubt, not all of these technologies will be able to be developed in precisely the manner indicated above, and many other technologies not mentioned will impact even greater than those currently envisioned. We now have information tools which can fundamentally and totally revolutionize our approach to patient care - tools which are existent today and are based upon known and provable science. While it is true that we must stringently evaluate the technologies and concepts with all known scientific rigor, we must not discard these powerful ideas because of our Industrial Age preconceptions.

The intent is to provoke a sense of awe at the incredible opportunities that face us at this moment in history, a moment richer than any other in the past. We must use the

II. Inventor Search Results from Dialog

File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)

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File 348:EUROPEAN PATENTS 1978-200914

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090319|UT=20090312

(c) 2009 WIPO/Thomson

File 350:Derwent WPIX 1963-2009/UD=200919

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Set	Items	Description
S1	3308	AU=(BROWN, S? OR BROWN S? OR BROWN(2N)S?)
S2	25	S1 AND ((MEDICAL OR HEALTH??? OR ANATOM??) (2N) (MODEL? ? OR AVATAR? ? OR DISPLAY? ?))

2/3K/1 (Item 1 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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01849664

Portable blood glucose meter and insulin infusion device

Tragbare Blutzuckermess- und Insulininfusionsvorrichtung

Dispositif de mesure de glucose dans le sang et de perfusion d'insuline

Patent Assignee:

Health Hero Network, Inc.; (4911440)

2570 West El Camino Real, Suite 111; Mountain View, CA 94040; (US)

(Applicant designated States: all)

Inventor:

Brown, Stephen J.

3324 Woodside Road; Woodside, CA 94062; (US)

Brown, Stephen J...

;;

Legal Representative:

Cozens, Paul Dennis et al (72971)

Mathys & Squire 120 Holborn; London EC1N 2SQ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1502614	A2	20050202	(Basic)
	EP	1502614	A3	20070307	
Application	EP	2004021434		19970722	
Priorities	US	681223		19960722	

IPC Level Value Position Status Version Action Source Office A61M-0005/172 A I F B 20060101 20041210 H EP A61M-0005/142 A I L B 20060101 20041210 H EP A61M-0005/315 A I L B 20060101 20041210 H EP A61M-0005/178 A I L B 20060101 20041210 H EP G01F-0011/02 A I L B 20060101 20041210 H EP G01F-0023/292 A I L B 20060101 20041210 H EP

Specification: ...health condition measurement apparatus;

a port connected to the recording device for downloading data stored in the recording device to an external computer device;

a **display** window permitting **health** condition values on a display connected to the health condition measurement apparatus to be viewable by the patient.

Preferably, the recording device records a medicine... ..amount of the patient;

a port connected to the recording device for downloading data stored in the recording device to an external computer device;

a **display** window permitting **health** condition values on a display connected to the health condition measurement apparatus to be viewable by the patient.

Preferably, the housing has dimensions less than... ..health condition measurement apparatus;

a port connected to the recording device for downloading data stored in the recording device to an external computer device;

a **display** window permitting **health** condition values on a display connected to the health condition measurement apparatus to be viewable by the patient.

Preferably, said health condition includes diabetes, said...

Claims: ...health condition measurement apparatus;

a port connected to the recording device for downloading data stored in the recording device to an external computer device;

a **display** window permitting **health** condition values on a display connected to the health condition measurement apparatus to be viewable by the patient.

17. The apparatus of Claim 16, wherein... ..amount of the patient;

a port connected to the recording device for downloading data stored in the recording device to an external computer device;

a **display** window permitting **health** condition values on a display connected to the health condition measurement apparatus to be viewable by the patient.

27. The apparatus of Claim 26, the... ..health condition measurement apparatus;

a port connected to the recording device for downloading data stored in the recording device to an external computer device;

a **display** window permitting **health** condition values on a display connected to the health condition measurement apparatus to be viewable by the patient.

2/3K/6 (Item 5 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00554920

DIABETES MANAGEMENT SYSTEM AND METHOD FOR CONTROLLING BLOOD GLUCOSE **SYSTEME DE TRAITEMENT DU DIABETE ET METHODE DE CONTROLE DE LA GLYCEMIE**

Patent Applicant/Patent Assignee:

HEALTH HERO NETWORK INC

WORTHINGTON David R L

BROWN Stephen J

Inventor(s):

WORTHINGTON David R L

BROWN Stephen J

...BROWN Stephen J

	Country	Number	Kind	Date
Patent	WO	200018293	A1	20000406
Application	WO	99US22586		19990928
Priorities	US	98163807		19980930

Detailed Description:

...and insulin dose values

9

stored in apparatus 10 to a healthcare provider computer. The "RECEIVE" option starts a procedure for receiving data from the **healthcare** provider computer.

Display 14 is also designed to display the predicted future blood glucose values in graphical form. Display 14 preferably displays a graph 48 which includes a...

2/3K/7 (Item 6 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00554427

REDUCING RISK USING BEHAVIORAL AND FINANCIAL REWARDS
REDUCTION DES RISQUES AU MOYEN DE RECOMPENSES FINANCIERES ET
COMPORTEMENTALES

Patent Applicant/Patent Assignee:

HEALTH HERO NETWORK INC

Inventor(s):

BROWN Stephen J

BROWN Stephen J...

	Country	Number	Kind	Date
Patent	WO	200017800	A1	20000330
Application	WO	99US22020		19990922
Priorities	US	98159058		19980923

Detailed Description:

...assessment process 300, can also continue to a 'determine feedback information' procedure 331 that develops feedback for the insured that can include one or more **medical** regimens, **display** of bio- **medical** information, encouragement to follow the suggested medical regimen or follow-on protocols. The feedback information is sent back to the client device 110 by a...

2/3K/8 (Item 7 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00551730

MULTIPLE PATIENT MONITORING SYSTEM FOR PROACTIVE HEALTH MANAGEMENT
SYSTEME DE SURVEILLANCE DE PLUSIEURS PATIENTS DESTINE A LA GESTION PROACTIVE DE LA SANTE

Patent Applicant/Patent Assignee:

HEALTH HERO NETWORK INC

Inventor(s):

BROWN Stephen J

BROWN Stephen J...

	Country	Number	Kind	Date
Patent	WO	200015103	A1	20000323
Application	WO	99US21052		19990913
Priorities	US	98152353		19980914

Detailed Description:

...controlling their health
condition so that the clinician may focus attention on these
patients. Unfortunately, most existing healthcare
2

information systems are only designed to **display medical** data
on an individual patient basis. Few systems have been
developed that enable clinician's to view medical data for an
entire group of patients...

2/3K/9 (Item 8 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00426432

MULTIPLE PATIENT MONITORING SYSTEM FOR PROACTIVE HEALTH MANAGEMENT
SYSTEME DE SURVEILLANCE D'UN GROUPE DE PATIENTS POUR UNE GESTION SANITAIRE
PROACTIVE

Patent Applicant/Patent Assignee:

RAYA SYSTEMS INC

Inventor(s):

BROWN Stephen J

BROWN Stephen J...

	Country	Number	Kind	Date
Patent	WO	9816895	A1	19980423
Application	WO	97US18175		19971007
Priorities	US	96732158		19961016

Detailed Description:

...in controlling their health condition so that
the clinician may focus attention on these patients.

Unfortunately, most existing healthcare information systems are
only designed to **display medical** data on an individual patient
basis. Few systems have been developed that enable clinicians to
view medical data for an entire group of patients simultaneously...

2/3,K/10 (Item 1 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0017021832 & & *Drawing available*
WPI Acc no: 2007-736893/200769

**Individual's e.g. patient, health conditions personalized image displaying method, for e.g. asthma, involves
generating display model by adjusting generalized model, where display model defines image
corresponding to individual**

Patent Assignee: BROWN S J (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070168226	A1	20070719	US 1997784740	A	19970116	200769	B
			US 1999441408	A	19991116		
			US 2001761337	A	20010116		
			US 2004755037	A	20040109		
			US 2006610044	A	20061213		

Priority Applications (no., kind, date): US 1997784740 A 19970116; US 1999441408 A 19991116; US 2001761337 A 20010116; US 2004755037 A 20040109; US 2006610044 A 20061213

Inventor: **BROWN S J** **Alerting Abstract** ...NOVELTY - The method involves generating a **health model** of an individual e.g. patient, as a function of a data set of health conditions related to the individual. A display model is generated by adjusting a generalized model based on the **health model**, where the display model defines an image corresponding to the individual and an icon e.g. log book icon, related to health information of the...

...ADVANTAGE - The method effectively provides the personalized **display** of the **health** condition of the patient such that the patient identifies the health condition, thus motivating a patient to follow a prescribed treatment regimen, and providing a **health data display** that can be easily comprehended, and hence providing feedback to patients about the health condition, and monitoring patients' progress in managing the health condition... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...** ...**Original Abstracts:**image of a body. The patient's medical record, standards of care for the condition, prescribed treatments, and patient input are applied to a generalized **health model** of a disease to generate a personalized **health model** of the patient. The personalized **health model** comprises an HTML file encoding an image map of a body. The body image illustrates the health condition of the individual patient. Preferably, data is... **Claims:**1. A method of displaying a personalized image of health conditions of an individual, comprising the steps of:(A) generating a **health model** of said individual as a function of a data set of said health conditions related to said individual;(B) generating a display model by adjusting a generalized model based on said **health model**, said **display** model defining (i) an image corresponding to said individual and (ii) at least one icon related to health information of said individual; and(C) generating...

2/3,K/11 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0016868587 & & Drawing available

Remote patient communicating method for maintaining healthcare, involves transmitting patient information from computer to server, processing information in server and monitoring health parameter in display unit

Patent Assignee: BROWN S J (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070118588	A1	20070524	US 1992977323	A	19921117	200756	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 1999237194	A	19990126		
			US 2003605223	A	20030916		
			US 2006562468	A	20061122		

Priority Applications (no., kind, date): US 1992977323 A 19921117; US 1994233397 A 19940426; US 1995481925 A 19950607; US 1999237194 A 19990126; US 2003605223 A 20030916; US 2006562468 A 20061122

Remote patient communicating method for maintaining healthcare, involves transmitting patient information from computer to server, processing information in server and monitoring health parameter in display unit Inventor: **BROWN S J** Original Publication Data by AuthorityArgentinaPublication No. Inventor name & address:**Brown, Stephen J...**

2/3,K/12 (Item 3 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0016817403 & & *Drawing available*

Composite document generating system, has composing unit generating composite document comprising entertainment content and personalized health content, and display unit generating display of document

Patent Assignee: **BROWN S J** (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070100934	A1	20070503	US 1997814293	A	19970310	200752	B
			US 1999394219	A	19990913		
			US 2000540482	A	20000331		
			US 2005301331	A	20051213		
			US 2006614104	A	20061221		

Priority Applications (no., kind, date): US 1997814293 A 19970310; US 1999394219 A 19990913; US 2000540482 A 20000331; US 2005301331 A 20051213; US 2006614104 A 20061221

Inventor: **BROWN S J Alerting Abstract ...**generating entertainment content (30) and personalized health content (32), respectively. A composing unit (24) generates a composite document (34) comprising the

entertainment content and personalized **health** content. A **display** unit (26) generates a display (36) of the composite document, where a patient criticality or criticality data (40) is used by the composing unit to modulate relative **display** importance of **health** content within the display. The composing unit uses a page and a health section to generate a composite page. Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...**...**Original Abstracts:**selected entertainment. Suitable sources of entertainment include generally available web pages and television programs. Composites are spatial (for page displays) or temporal (for image sequence **displays**). **Health** content is customized to health and personal situations of individual patients, and replaces advertisements. Composites are generated on a central server in communication with an...

2/3,K/13 (Item 4 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0016817402 & & *Drawing available*

Document generating system for use in health care community, has server configured to provide content to be sent over communication network, and processor unit configured to receive documents that sent over communication network

Patent Assignee: BROWN S J (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070100932	A1	20070503	US 1997814293	A	19970310	200752	B
			US 1999394219	A	19990913		
			US 2000540482	A	20000331		
			US 2005301331	A	20051213		
			US 2006567997	A	20061207		

Priority Applications (no., kind, date): US 1997814293 A 19970310; US 1999394219 A 19990913; US 2000540482 A 20000331; US 2005301331 A 20051213; US 2006567997 A 20061207

Inventor: **BROWN S J** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...**...**Original Abstracts:**selected entertainment. Suitable sources of entertainment include generally available web pages and television programs. Composites are spatial (for page displays) or temporal (for image sequence **displays**). **Health** content is customized to health and personal situations of individual patients, and replaces advertisements. Composites are generated on a central server in communication with an...

2/3,K/14 (Item 5 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0016088159 & & Drawing available

WPI Acc no: 2006-619790/200664

System for remote monitoring and management of patient health condition comprises sensor outputting patient physiologic data, patient monitor operative to receive data and automatically download the data, and server interfaced to network

Patent Assignee: HEALTH HERO NETWORK INC (HEAL-N)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060178914	A1	20060810	US 1992977323	A	19921117	200664	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 199741746	P	19970328		
			US 199741751	P	19970328		
			US 1997847009	A	19970430		
			US 1997946341	A	19971007		
			US 1999271217	A	19990317		
			US 1999422046	A	19991020		
			US 2006396558	A	20060404		

Priority Applications (no., kind, date): US 1992977323 A 19921117; US 1994233397 A 19940426; US 1995481925 A 19950607; US 199741746 P 19970328; US 199741751 P 19970328; US 1997847009 A 19970430; US 1997946341 A 19971007; US 1999271217 A 19990317; US 1999422046 A 19991020; US 2006396558 A 20060404

Inventor: **BROWN S J** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...**...**Claims:**care provider interaction unit display that is controlled by a health care provider interaction unit interface, a health care provider interaction unit interface accepting a **health** care provider **display** information and rendering the **health** care provider **display** information for **display** on the **health** care provider interaction unit **display**;B) a **health** care provider interaction unit input device that receives a health care provider input from the health care provider, the health care provider interaction unit input...

2/3,K/15 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015543944 & & Drawing available

Method for remote monitoring/management of health condition of diabetes patient, involves processing patient data with answers for questionnaire, and blood glucose level of patient, to generate script program for managing patient's health

Patent Assignee: HEALTH HERO NETWORK INC (HEAL-N)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060010014	A1	20060112	US 1992977323	A	19921117	200611	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 199741746	P	19970328		
			US 199741751	P	19970328		
			US 1997847009	A	19970430		
			US 1997946341	A	19971007		
			US 1999271217	A	19990317		
			US 1999422046	A	19991020		
			US 2005226404	A	20050915		

Priority Applications (no., kind, date): US 1992977323 A 19921117; US 1994233397 A 19940426; US 1995481925 A 19950607; US 199741746 P 19970328; US 199741751 P 19970328; US 1997847009 A 19970430; US 1997946341 A 19971007; US 1999271217 A 19990317; US 1999422046 A 19991020; US 2005226404 A 20050915

Inventor: **BROWN S J** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...**...**Claims:**care provider interaction unit display that is controlled by a health care provider interaction unit interface, the health care provider interaction unit interface accepting a **health** care provider **display** information and rendering the **health** care provider **display** information for **display** on the **health** care provider interaction unit **display**;B). a **health** care provider interaction unit input device that receives a health care provider input form the health care provider, the health care provider interaction unit input...

2/3,K/16 (Item 7 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015543855 & & Drawing available

WPI Acc no: 2006-108008/200611

Airflow monitoring system for healthcare maintenance comprises central server, microprocessor-based subsystem including microprocessor, display, and memory, health care professional computer

Patent Assignee: HEALTH HERO NETWORK INC (HEAL-N)

Inventor: **BROWN S J**

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060009706	A1	20060112	US 1992977323	A	19921117	200611	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 1999237194	A	19990126		
			US 2003605547	A	20031007		
			US 2005221873	A	20050909		
US 7223236	B2	20070529	US 2005221873	A	20050909	200736	E

Priority Applications (no., kind, date): US 1992977323 A 19921117; US 1994233397 A 19940426; US 1995481925 A 19950607; US 1999237194 A 19990126; US 2003605547 A 20031007; US 2005221873 A 20050909; US 2005221873 A 20050909

Airflow monitoring system for healthcare maintenance comprises central server, microprocessor-based subsystem including microprocessor, display, and memory, health care professional computer Inventor: **BROWN S J** **Alerting Abstract** ...NOVELTY - An airflow monitoring system has central server arranged to receive and communicate data; microprocessor-based subsystem including microprocessor (12), **display**, and memory; **health** care professional computer in signal communication with the central server to receive health-related information based on the airflow-related data received from the microprocessor... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen James...** ...**Brown, Stephen James**

2/3,K/17 (Item 8 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015523566 & & *Drawing available*

WPI Acc no: 2006-087714/200609

Method for remote monitoring and patient health condition management, involves processing downloaded script program from health care provision apparatus, to produce patient display information

Patent Assignee: HEALTH HERO NETWORK INC (HEAL-N)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20060004611	A1	20060105	US 1992977323	A	19921117	200609	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 199741746	P	19970328		
			US 199741751	P	19970328		
			US 1997847009	A	19970430		
			US 1997946341	A	19971007		
			US 1999271217	A	19990317		
			US 1999422046	A	19991020		
			US 2005168525	A	20050629		

Priority Applications (no., kind, date): US 1992977323 A 19921117; US 1994233397 A 19940426; US 1995481925 A 19950607; US 199741746 P 19970328; US 199741751 P 19970328; US 1997847009 A 19970430; US 1997946341 A 19971007; US 1999271217 A 19990317; US 1999422046 A 19991020; US 2005168525 A 20050629

Inventor: **BROWN S J** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...**...**Claims:**care provider interaction unit display that is controlled by a health care provider interaction unit interface, the health care provider interaction unit interface accepting a **health** care provider **display** information and rendering the **health** care provider **display** information for **display** on the **health** care provider interaction unit **display**;B). a **health** care provider interaction unit input device that receives a health care provider input form the health care provider, the health care provider interaction unit input...

2/3,K/18 (Item 9 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015471097 & & Drawing available

WPI Acc no: 2005-808853/200582

Health-monitoring system comprises remote user sites, each including display(s), data management unit(s) and at least one memory, remote computing facility including central server(s), and computer(s) for use by healthcare professional

Patent Assignee: BROWN S J (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050256739	A1	20051117	US 1994233397	A	19940426	200582	B
			US 1999237194	A	19990126		
			US 2005119335	A	20050428		

Priority Applications (no., kind, date): US 1994233397 A 19940426; US 1999237194 A 19990126; US 2005119335 A 20050428

Inventor: **BROWN S J Technology Focus** ...or motivational. The system enables the user to choose when to receive the message. It allows a user at a remote user site to control **display** of **health**-monitoring information using at least one menu. The menu allows the user to select operational mode(s) from a display mode for displaying relevant information... **Extension Abstract** Original Publication Data by Authority Argentina **Publication No.** Inventor name & address: **Brown, Stephen J...**

2/3,K/19 (Item 10 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0014831966 & *Drawing available*
WPI Acc no: 2005-179656/200519

Health information displaying system for preventive care of chronic disease e.g. asthma, has processing unit to generate health model of patient, and display unit to generate display comprising body image, which illustrates model

Patent Assignee: BROWN S J (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050027562	A1	20050203	US 1997784740	A	19970116	200519	B
			US 1999441408	A	19991116		
			US 2001761337	A	20010116		
			US 2004755037	A	20040109		

Priority Applications (no., kind, date): US 1997784740 A 19970116; US 1999441408 A 19991116; US 2001761337 A 20010116; US 2004755037 A 20040109

Health information displaying system for preventive care of chronic disease e.g. asthma, has processing unit to generate health model of patient, and display unit to generate display comprising body image, which illustrates model **Original Titles:** Personalized **display** of **health** information Inventor: **BROWN S J Alerting** **Abstract** ...of inputs for generating a set of data and a datum characterizing a personal health condition of a patient. A processing unit generates a personalized **health model** of the patient from a generalized **health model** of the patient and from the data. A display unit is placed in communication with the processing unit, and generates a display comprising a body... **ADVANTAGE** - The display unit generates the display comprising the body

image, which illustrates the personalized **health model**, thus delivering the health information to the patient suffering from the chronic condition, and raising effectiveness of the preventive care especially in children and adolescents... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...** ...**Original Abstracts:**image of a body. The patient's medical record, standards of care for the condition, prescribed treatments, and patient input are applied to a generalized **health model** of a disease to generate a personalized **health model** of the patient. The personalized **health model** comprises an HTML file encoding an image map of a body. The body image illustrates the health condition of the individual patient. Preferably, data is... ...**Claims:**D[j]characterizing a personal health condition of a patient;b) a processing means in communication with said set of inputs, for generating a personalized **health model** of said patient from a generalized **health model** of said patient and from said set of data {D[j]}; andc) a display means in communication with said processing means, for generating a display comprising a body image, said body image illustrating said personalized **health model**.>

2/3,K/20 (Item 11 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014311213 & & Drawing available

Health-monitoring system for e.g. asthma, has microprocessor incorporating video game system, switch to enter health-related data, data management unit to store data, stored instructions generates information for display

Patent Assignee: HEALTH HERO NETWORK (HEAL-N)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040117209	A1	20040617	US 1992977323	A	19921117	200447	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 1999237194	A	19990126		
			US 2003605228	A	20030916		

Priority Applications (no., kind, date): US 1992977323 A 19921117; US 1994233397 A 19940426; US 1995481925 A 19950607; US 1999237194 A 19990126; US 2003605228 A 20030916

Inventor: **BROWN S J** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...** ...**Original Abstracts:**server connects to the data management unit at each patient site and the system allows a patient at a remote patient site to control the **display** of **health**-monitoring related information on the display. ...**Claims:**the data management units at the patient sites, wherein the system is configured to allow a patient at a remote patient site to control the **display** of **health**-monitoring related information on the display.

2/3,K/21 (Item 12 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0012621647 & & Drawing available

WPI Acc no: 2002-470164/200250

Online system for providing entertainment and health information, has composer to judge display importance according to patient's compliance to health regimen and combine original page with health content

Patent Assignee: HEALTH HERO NETWORK INC (HEAL-N)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6375469	B1	20020423	US 1997814293	A	19970310	200250	B
			US 1999394219	A	19990913		

Priority Applications (no., kind, date): US 1997814293 A 19970310; US 1999394219 A 19990913

Inventor: **BROWN S J** Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...**...**Original Abstracts:**selected entertainment. Suitable sources of entertainment include generally available web pages and television programs. Composites are spatial (for page displays) or temporal (for image sequence **displays**). **Health** content is customized to health and personal situations of individual patients, and replaces advertisements. Composites are generated on a central server in communication with an...

2/3,K/22 (Item 13 from file: 350)

DIALOG(R)File 350:

Derwent WPIX

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0010956808 & & Drawing available

WPI Acc no: 2001-579931/200165

Health information display system generates personalized health model of patient based on input data and generalizing health model and displays image illustrating personalized health model

Patent Assignee: BROWN S J (BROW-I)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010013006	A1	20010809	US 1997784740	A	19970116	200165	B
			US 1999441408	A	19991116		
			US 2001761337	A	20010116		

Priority Applications (no., kind, date): US 1997784740 A 19970116;

US 1999441408 A 19991116; US 2001761337 A 20010116

Original Titles:Personalized

display of health information Inventor: **BROWN S J**

Alerting Abstract ...NOVELTY - A processing device processes a set of data input and generates a personalized **health model** of patient

from a generalized **health model** of patient. A display device is

connected to the processing device to display an image illustrating personalized

health model. ...USE - **Health information display**

system for management of chronic disease or condition requiring regular medical attention and patient compliance with treatment plan, including diabetes,

asthma, AIDS, heart and cardiovascular... Original Publication Data by

AuthorityArgentina**Publication No.** Inventor name & address:**Brown,**

Stephen J... ...**Original Abstracts:**image of a body. The patient's

medical record, standards of care for the condition, prescribed treatments, and

patient input are applied to a generalized **health model** of a

disease to generate a personalized **health model** of the patient.

The personalized **health model** comprises an HTML file encoding an

image map of a body. The body image illustrates the health condition of the

individual patient. Preferably, data is... ...**Claims:**D[j]characterizing a

personal health condition of a patient;b) a processing means in communication

with said set of inputs, for generating a personalized **health**

model of said patient from a generalized **health model** of

said patient and from said set of data {D[j]}; andc) a display means in

communication with said processing means, for generating a display comprising a

body image, said body image illustrating said personalized **health**

model.>

2/3,K/23 (Item 14 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010696964 & & *Drawing available*

WPI Acc no: 2001-307032/200132

Remote monitoring and

management of patient health e.g. diabetic patient, involves downloading script

program from web server, in palmtop computer of patient and processing it to

obtain instructions

Patent Assignee: HEALTH HERO NETWORK INC

(HEAL-N)

Inventor: **BROWN S J**

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6168563	B1	20010102	US 1992977323	A	19921117	200132	B
			US 1994233397	A	19940426		
			US 1995481925	A	19950607		
			US 199741746	P	19970328		
			US 199741751	P	19970328		
			US 1997946341	A	19971007		
			US 1999271217	A	19990317		

Priority Applications (no., kind, date): US 1992977323 A 19921117;
US 1994233397 A 19940426; US 1995481925 A 19950607; US 199741746 P 19970328; US
199741751 P 19970328; US 1997946341 A 19971007; US 1999271217 A 19990317

Inventor:

BROWN S J Alerting Abstract ...to health related queries. The script program is downloaded through WWW, in the patients palmtop computer (322) and processed by the CPU (326). The CPU **displays health** related instructions on the touch screen, obtained as processing results. Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address:**Brown, Stephen J...** ...**Claims:**care provider interaction unit display that is controlled by a health care provider interaction unit interface, the health care provider interaction unit interface accepting a **health** care provider **display** information and rendering the **health** care provider **display** information for **display** on the **health** care provider interaction unit **display**;B). a **health** care provider interaction unit input device that receives a health care provider input from the health care provider, the health care provider interaction unit input...

2/3,K/24 (Item 15 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0009923151 & & *Drawing available*

WPI Acc no: 2000-223359/200019
;

Displaying

personalized health information to a patient with a chronic disease or health condition using a computer system for managing health care and communicating with patient's home display

Patent Assignee: HEALTH HERO

NETWORK INC (HEAL-N)

Inventor: **BROWN S J**; JENSEN E K

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6032119	A	20000229	US 1997784740	A	19970116	200019	B

Priority

Applications (no., kind, date): US 1997784740 A 19970116

Original Titles:Personalized **display** of **health** information. Inventor:

BROWN S J... **Alerting Abstract** ...and the server is preferably in communication with the network provider over the Internet and with the patient's home via cable TV. A personalized **health model** is generated using the patient's records, the treatment and the patient input. DESCRIPTION - AN INDEPENDENT CLAIM is included for a system for displaying a personalized **health model** of a patient... ...ADVANTAGE - Motivating patient using easily comprehended **health data display**.DESCRIPTION OF DRAWINGS - The drawing shows the architecture of a system for **health information display** in a preferred embodiment of the present invention.

Original Publication Data by AuthorityArgentina**Publication No.** Inventor

name & address:**Brown, Stephen J...** ...**Original Abstracts:**image

of a body. The patient's medical record, standards of care for the condition, prescribed treatments, and patient input are applied to a generalized **health model** of a disease to generate a personalized **health**

model of the patient. The personalized **health model**

comprises an HTML file encoding an image map of a body. The body image illustrates the health condition of the individual patient. Preferably, data

is... ...**Claims:**a subset of said set of data;b) a processing means in communication with said set of inputs, said processing means for generating a personalized **health model** of said patient from a generalized

health model of said patient and from said set of data {D[j]};

andc) a display means in communication with said processing means, for generating a display comprising a body image, said body image illustrating said personalized **health model**, said body image comprising an image map including at least one body part or organ, wherein said patient can access information on said at least...

2/3,K/25 (Item 16 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0009579308 & & Drawing available

WPI Acc no: 1999-526845/199944

Health education

on-line system for displaying to a patient a combination of patient-selected entertainment content and personalized educational health content

Patent Assignee: HEALTH HERO NETWORK (HEAL-N)

Inventor:

BROWN S J

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5951300	A	19990914	US 1997814293	A	19970310	199944	B

Priority

Applications (no., kind, date): US 1997814293 A 19970310

Inventor: **BROWN**

S J Alerting Abstract ...NOVELTY - A patient criticality or

criticality data (40) is used by a composing unit (24) to modulate the relative **display** importance of **health** content (32) within the display (36).

The display is generated by a display unit (26) using the composite document (34) generated by the composing unit... Original Publication Data by

AuthorityArgentina**Publication No.** Inventor name & address:**Brown,**

Stephen J......**Original Abstracts:**selected entertainment. Suitable

sources of entertainment include generally available web pages and television programs. Composites are spatial (for page displays) or temporal (for image

sequence **displays**). **Health** content is customized to health and

personal situations of individual patients, and replaces advertisements.

Composites are generated on a central server in communication with an...

File 35: Dissertation Abs Online 1861-2009/Mar

(c) 2009 ProQuest Info&Learning

File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13

(c) 2002 Gale/Cengage

File 65: Inside Conferences 1993-2009/Apr 06

(c) 2009 BLDSC all rts. reserv.

File 2: INSPEC 1898-2009/Mar W5

(c) 2009 Institution of Electrical Engineers

File 474: New York Times Abs 1969-2009/Apr 06

(c) 2009 The New York Times

File 475: Wall Street Journal Abs 1973-2009/Apr 07

(c) 2009 The New York Times

File 99: Wilson Appl. Sci & Tech Abs 1983-2009/Feb

(c) 2009 The HW Wilson Co.

File 256: TecInfoSource 82-2009/Dec

(c) 2009 Info.Sources Inc

File 5: Biosis Previews(R) 1926-2009/Mar W5

(c) 2009 The Thomson Corporation

File 73: EMBASE 1974-2009/Apr 03

(c) 2009 Elsevier B.V.

File 155:MEDLINE(R) 1950-2009/Apr 03
 (c) format only 2009 Dialog
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Mar W5
 (c) 2009 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp

Set	Items	Description
S1	30167	AU=(BROWN, S? OR BROWN S? OR BROWN(2N)S?)
S2	30	S1 AND ((MEDICAL OR HEALTH???? OR ANATOM??) (2N) (MODEL? ? OR AVATAR? ? OR DISPLAY? ?))
S3	10	S2 NOT PY>1997
S4	7	RD (unique items)

4/3,K/6 (Item 3 from file: 155)
 DIALOG(R)File 155: MEDLINE(R)
 (c) format only 2009 Dialog. All rights reserved.

10309483 **PMID: 1579650**
Tailoring nursing care to the individual client: empirical challenge of a theoretical concept.

Brown S J
 Department of Nursing, University of New Hampshire.
 Research in nursing & health (UNITED STATES) Feb 1992 , 15 (1) p39-46 , **ISSN: 0160-6891--Print**
Journal Code: 7806136
 Publishing Model Print
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed
Brown S J

Tailoring of client-nurse interaction to the client's individuality is a central concept in Cox's Interaction **Model** of Client **Health** behavior, and represents a specification of the term individualization of care (Cox, 1982b). In this study, the empirical adequacy of Cox's definition of tailoring... (

File 15:ABI/Inform(R) 1971-2009/Apr 04
 (c) 2009 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2009/Apr 04
 (c) 2009 Gale/Cengage
File 610:Business Wire 1999-2009/Apr 01
 (c) 2009 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2009/Mar 12
 (c) 2009 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2009/Apr 06
 (c) 2009 McGraw-Hill Co. Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 03
 (c) 2009 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2009/Mar 16

(c) 2009 Gale/Cengage
File 613:PR Newswire 1999-2009/Apr 07
(c) 2009 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2009/Mar 16
(c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 634:San Jose Mercury Jun 1985-2009/Apr 03
(c) 2009 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2009/Mar 23
(c) 2009 Gale/Cengage
File 20:Dialog Global Reporter 1997-2009/Apr 07
(c) 2009 Dialog
File 149:TGG Health&Wellness DB(SM) 1976-2009/Mar W1
(c) 2009 Gale/Cengage
File 444:New England Journal of Med. 1985-2009/Dec W2
(c) 2009 Mass. Med. Soc.

Set	Items	Description
S1	9089	AU=(BROWN, S? OR BROWN S? OR BROWN(2N)S?)
S2	4	S1 AND ((MEDICAL OR HEALTH???? OR ANATOM??) (2N) (MODEL? ? OR AVATAR? ? OR DISPLAY? ?))
S3	4	RD (unique items)

No Valid Results

III. Text Search Results from Dialog

A. Patent Files, Abstract

File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)

(c) 2009 JPO & JAPIO

File 350:Derwent WPIX 1963-2009/UD=200919

(c) 2009 Thomson Reuters

Set	Items	Description
S1	7914	(CLICK??? OR DOUBLECLICK??? OR TAP OR TAPS OR TAPPED OR TAPPING OR SELECT??? OR (DEPRESS??? OR PRESS??? OR PUSH???) (2N) - (BUTTON OR BUTTONS OR KEY OR KEYS) OR POINT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S2	5265	(ACTIVAT??? OR HIGHLIGHT??? OR HILIGHT??? OR (HI OR HIGH) (-) (LIGHT??? OR LITE? ?) OR (HOVER OR ROLL) () OVER OR ROLLOVER OR TRIGGER??? OR LINK??? OR INTERACT??? OR FOCUS??? OR ZOOM??? - OR EXECUT??? OR NAVIGAT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S3	88057	(MEDICAL OR HEALTH OR HEALTHCARE OR ILLNESS?? OR INJURY OR INJURIES OR MALADY OR MALADIES OR DISORDER? ? OR THERAPY OR THERAPIES OR MEDICATION? ? OR DISEASE? ? OR TREATMENT? ? OR CASE OR PATIENT OR PATIENTS) (3N) (HISTORY OR HISTORICAL OR HISTORIES OR BACKGROUND? ? OR STATUS OR RECORD OR RECORDS OR ANAMNESIS OR ANAMNESTIC OR CATAMNESIS OR CATAMNESTIC OR INFORMATION OR DATA)
S4	14622	S3 (5N) (REVEAL??? OR REVELATION OR SHOW OR SHOWS OR SHOWED OR SHOWING OR DISPLAY??? OR VIEW??? OR DISCLOS??? OR EXPOSE? ? OR EXPOSING OR (BRING??? OR PULL???) () (UP OR OUT) OR (MAKE OR MAKES OR MAKING OR MADE) () (VISIBLE) OR SEE OR SEEING OR SEEN OR EXHIBIT??? OR PRESENT??? OR CHECK??? OR CONSULT??? OR TRIGGER??? OR SEARCH??? OR RETRIEV??? OR ACCESS??? OR VISUALIZ???)
S5	100885	(MEDICAL OR HEALTH OR HEALTHCARE OR PHYSIOLOGIC? OR BODY OR BODILY OR ANATOMIC? OR ANATOMY OR CORPOREAL) (3N) (IMAGE? ? OR AVATAR? ? OR MODEL? ? OR CHARACTER? ? OR GRAPHIC? ? OR REPRESENTATION? ? OR PICTURE OR PICTURES OR ALTER()EGO OR EMBODIMENT? ? OR MANIFESTATION? ? OR IMAGE()MAP OR DISPLAY???)
S6	15485	(VIRTUAL?? OR VISUAL? OR SIMULATED OR SIMULATION OR PERSONAL OR PERSONALIZED) (3N) (HUMAN OR HUMANOID OR BODY OR BODIES OR ANATOMY OR PERSONA OR PERSONAE OR PATIENT OR PATIENTS OR INDIVIDUAL? ?)
S7	12209	(S5 OR S6) (3N) (PATIENT OR PATIENTS OR PERSON OR PERSONS OR PEOPLE OR HUMAN OR USER OR USERS OR MAN OR WOMAN OR MALE OR FEMALE)
S8	45	S1 AND S4
S9	25	S8 AND S7
S10	202	S1 AND S3
S11	109	S10 AND S5
S12	6	S11 AND S6
S13	3	S12 NOT S9
S14	35	S8 AND S5
S15	10	S14 NOT (S9 OR S13)
S16	30	S2 AND S4
S17	18	S16 AND S7
S18	9	S17 NOT (S9 OR S13 OR S15)
S19	85	S2 AND S3
S20	43	S19 AND S5

S21 24 S20 AND S7
S22 7 S21 NOT (S9 OR S13 OR S15 OR S18)

9/3,K/12 (Item 12 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0011075364 & & Drawing available
WPI Acc no: 2002-010567/200201
XRPX Acc No: N2002-008842

System for accessing by patient health care information using anatomic user interface displays an anatomic model from which patient selects anatomic structure of interest while user interface displays health care information

Patent Assignee: MEDORDER INC (MEDO-N)

Inventor: GLASGOW J D; LEWIS G P

Patent Family (4 patents, 93 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001069500	A1	20010920	WO 2001US8062	A	20010312	200201	B
US 20010041992	A1	20011115	US 2000523569	A	20000310	200201	E
			US 2001808414	A	20010312		
AU 200147408	A	20010924	AU 200147408	A	20010312	200208	E
US 20030200119	A1	20031023	US 2000523569	A	20000310	200370	E
			US 2003456656	A	20030605		

Priority Applications (no., kind, date): US 2000523569 A 20000310; WO 2001US8062 A 20010312; US 2003456656 A 20030605

System for accessing by patient health care information using anatomic user interface displays an anatomic model from which patient selects anatomic structure of interest while user interface displays health care information

Original Titles:Method and system for accessing healthcare information using an anatomic user interface... ..Method and system for accessing healthcare information using an anatomic user interface...

...METHOD AND SYSTEM FOR ACCESSING HEALTHCARE INFORMATION USING AN ANATOMIC USER INTERFACE...

Alerting Abstract ...NOVELTY - An anatomic user interface displays an anatomic model (402) from which the user selects an anatomic structure of interest. Upon selection of the anatomic structure, the anatomic user interface displays the health care information that is associated with the selected anatomic structure. ... a method of accessing healthcare information for a patient a system for accessing healthcare information USE - For accessing health care information using a graphical user interface that enables a user to drill down to an anatomic structure of interest from a high-level anatomic model and retrieve the health care information associated with that anatomic structure.... ... ADVANTAGE - Provides an intuitive, computer-based system for quickly and easily accessing health care information at the point of care, and

organized to facilitate making an informed and appropriate health care decision. Facilitates proper encoding of health care information to meet regulatory reimbursement requirements, and other industry-promulgated... ..

9/3,K/14 (Item 14 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010900290 & & Drawing available

WPI Acc no: 2001-521030/200157

Related WPI Acc No: 1999-095420; 2001-181442; 2001-450971; 2001-656469; 2003-439108

XRPX Acc No: N2001-385950

Three-dimensional image generation method in navigation, medical and surgical applications, involves selecting viewpoint for displaying object image based on reconstructed virtual image data

Patent Assignee: UNIV LELAND STANFORD JUNIOR (STRD)

Inventor: SHAHIDI R

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010016684	A1	20010823	US 199620664	P	19960628	200157	B
			US 1997884289	A	19970627		
			US 1999411363	A	19990930		
			US 2000747463	A	20001222		
US 6591130	B2	20030708	US 2000747463	A	20001222	200353	E

Priority Applications (no., kind, date): US 199620664 P 19960628; US 1997884289 A 19970627; US 1999411363 A 19990930; US 2000747463 A 20001222

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**in real time and conveyed to the computer. The computer memory is loaded with data from an MRI, CT, or other volumetric scan of a **patient**, and this **data** is utilized to **dynamically display** 3-dimensional perspective **images** in real time of the **patient's anatomy** from the viewpoint of the **pointer**. The **images** are segmented and displayed in color to highlight **selected anatomical** features and **to allow** the viewer to see beyond obscuring surfaces and structures. The displayed image tracks the movement of the instrument during surgical procedures. The instrument may include... .. are tracked in real time and conveyed to the computer. The computer memory is loaded with data from an MRI, CT, or other volumetric scan of a patient, and this **data** is utilized to dynamically **display 3-dimensional perspective images** in real time of the **patient's anatomy** from the viewpoint of the **pointer**. The **images** are segmented and **displayed** in color to highlight **selected anatomical** features and to allow the viewer to **see beyond** obscuring surfaces and structures. The displayed image tracks the movement of the instrument during surgical procedures. The instrument may include an imaging device such as... ..**Claims:**the patient site;(b) manipulating in a region of the patient site, an endoscope having a lens with a known conical field of view;(c) **displaying** in real time, a **perspective** image of **patient** surface features generated by the endoscope;(d) registering the scan data with the position of the patient;(e) determining the position and orientation of the...

9/3,K/15 (Item 15 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0010863420 & & *Drawing available*

WPI Acc no: 2001-482464/200152

XRPX Acc No: N2001-357128

Software and hardware architecture of Internet based computer system for real time medical record management, displays biochemical and physiological behaviors in selected sites based on user input

Patent Assignee: MELROSE J P (MELR-I)

Inventor: MELROSE J P

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6272468	B1	20010807	US 1997982026	A	19971201	200152	B

Priority Applications (no., kind, date): US 1997982026 A 19971201

Software and hardware architecture of Internet based computer system for real time medical record management, displays biochemical and physiological behaviors in selected sites based on user input

Alerting Abstract ...NOVELTY - The software of web server processes the user input corresponding to selected **human body** and/or **medical record** classes and **displays** the biochemical and **physiological** behaviors in the selected Internet sites. The hardware manages the software intercommunication and user activities. Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**CHART System software on other Internet-accessible servers:a) to process input to the selected instantiations of the humanBody and/or medicalRecord classes,b) to **display** the biochemical and **physiological** behaviors and states of the user-selected site(s) of the target class instantiation(s),c) to update selected instantiation(s) of the humanBody and... ... to launch browser software for automatic or user-directed access to selected Internet sites not a part of the instant application but useful for further **anatomic** and/or physiological demonstration of CHART System class instance output.

9/3,K/16 (Item 16 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0010833358 & & *Drawing available*

WPI Acc no: 2001-450971/200148

Related WPI Acc No: 1999-095420; 2001-181442; 2001-521030; 2001-656469; 2003-439108

XRPX Acc No: N2001-333868

Generating method for image of 3D object e.g. a part of human anatomy for volumetric image navigation for use in surgery using computer with memory and display connected to surgical instrument or pointer and position tracking system

Patent Assignee: SHAHIDI R (SHAH-I); UNIV LELAND STANFORD JUNIOR (STRD)

Inventor: SHAHIDI R

Patent Family (2 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20010007919	A1	20010712	US 199620664	P	19960628	200148	B
			US 1997884289	A	19970627		
			US 1999411363	A	19990930		
			US 2000747463	A	20001222		
			US 2001777777	A	20010205		
US 6529758	B2	20030304	US 2001777777	A	20010205	200320	E

Priority Applications (no., kind, date): US 199620664 P 19960628; US 1997884289 A 19970627; US 1999411363 A 19990930; US 2000747463 A 20001222; US 2001777777 A 20010205

Generating method for image of 3D object e.g. a part of human anatomy for volumetric image navigation for use in surgery using computer with memory and display connected to surgical instrument or pointer and position tracking system Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**in real time and conveyed to the computer. The computer memory is loaded with data from an MRI, CT, or other volumetric scan of a **patient**, and this **data** is utilized to **dynamically display** 3-dimensional perspective **images** in real time of the **patient's anatomy** from the viewpoint of the **pointer**. The **images** are segmented and displayed in color to highlight **selected anatomical** features and **to allow** the viewer to see beyond obscuring surfaces and structures. The displayed image tracks the movement of the instrument during surgical procedures. The instrument may include... **Claims:**scan data with respect to the patient site, and (iii) constructing from the volumetric scan data, a volumetric perspective image of a target site, as **seen** from a selected position external **to the patient**, an improvement in registering the volumetric scan data with respect to the patient site, comprising:(a) generating a pattern of surface-reflected light by moving...

9/3,K/19 (Item 19 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010542784 & & *Drawing available*

WPI Acc no: 2001-145795/200115

Related WPI Acc No: 2003-689323; 2007-481047

XRPX Acc No: N2001-106582

Representation device for communication of medical information in computer involves storing medical data and displaying requested data showing spatial and dimensional relationship with other parts or sites of human body

Patent Assignee: BENJA-ATHON A (BENJ-I)

Inventor: BENJA-ATHON A

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6132218	A	20001017	US 1998191795	A	19981113	200115	B

Priority Applications (no., kind, date): US 1998191795 A 19981113

Representation device for communication of medical information in computer involves storing medical data and displaying requested data showing spatial and dimensional relationship with other parts or sites of human body Original Publication Data by AuthorityArgentina**Publication No. ...Claims:**a memory unit and a display unit; means for storing in the memory unit and selectively displaying on the display unit in a plurality of **anatomical** planes three dimensional **images** of **selected** human **body parts** and sites affected by at least one of disease, disorder and pain processes; means of defining the anatomical boundary of each part and site; means...

9/3,K/20 (Item 20 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0009814841 & & *Drawing available*

WPI Acc no: 2000-105164/200009

Related WPI Acc No: 1997-447547; 1998-261110; 1999-069554; 1999-457884; 1999-526360; 1999-539894; 2002-205253; 2002-224212; 2002-303586; 2002-350128

XRPX Acc No: N2000-080791

Image scan data stereotactic registration system for e.g. CT scanning, MRI scanning

Patent Assignee: COSMAN E R (COSM-I)

Inventor: COSMAN E R

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6006126	A	19991221	US 1991647463	A	19910128	200009	B
			US 1992941863	A	19920908		
			US 199347879	A	19930415		
			US 1994299987	A	19940901		
			US 1995441788	A	19950516		
			US 1995475681	A	19950607		

Priority Applications (no., kind, date): US 1991647463 A 19910128; US 1992941863 A 19920908; US 199347879 A 19930415; US 1994299987 A 19940901; US 1995441788 A 19950516; US 1995475681 A 19950607

Alerting Abstract ...NOVELTY - A display unit (D) provides an image display including a **patient's anatomy** after receiving combined **image** data formed by an image generator (IG) by combining image scan data and position data. A graphic data processor (DP) transforms the position data and... ...ADVANTAGE - Visualizes a surgical field and relates it to stored image data of **patient's anatomy** through a computer **graphic** system.

Processes relationship between camera data and image data to quantitatively represent and indicate surgical instruments, such as probes, microscopes, or space **pointers** in relation to **anatomy** image ... Original Publication Data by AuthorityArgentina**Publication No. Original Abstracts:**A system for computer **graphic** determination

and **display of a patient's anatomy**, as **from** CT or MR scanning, and stored along with associated equipment in an object field including the patient's anatomy. A first digitizing camera structure produces... **Claims:**A system using designated index locations, for indicating positional relationships of an object field including a surgical instrument as related to a subject **patient's anatomy** represented **by image-scanner data**, said system comprising:a memory for storing said image-scanner data representing **the subject patient's anatomy** and **referenced** in scanner-data coordinates to said designated index locations;a camera apparatus for providing position data indicative of said designated index locations and said surgical... .. scanner data and said position data to form combined display data; anda display unit for receiving said combined display data to provide an image **display** including the subject **patient's anatomy**.>

9/3,K/23 (Item 23 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0008754868 & & *Drawing available*
WPI Acc no: 1998-297539/199826
XRPX Acc No: N1998-232810

Medical X-ray imaging system alignment apparatus - uses charge coupled camera to detect light reflected from markers on body of patient

Patent Assignee: GLASGOW CALEDONIAN UNIV CO LTD (GLAS-N)

Inventor: MCBRIDE M

Patent Family (12 patents, 78 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1998020795	A1	19980522	WO 1997GB3045	A	19971113	199826	B
AU 199749549	A	19980603	AU 199749549	A	19971113	199842	E
EP 944354	A1	19990929	EP 1997912306	A	19971113	199945	E
			WO 1997GB3045	A	19971113		
JP 2001504013	W	20010327	WO 1997GB3045	A	19971113	200122	E
			JP 1998522281	A	19971113		
AU 732859	B	20010503	AU 199749549	A	19971113	200129	E
US 6267503	B1	20010731	WO 1997GB3045	A	19971113	200146	E
			US 1999297969	A	19990621		
CA 2271671	C	20070109	CA 2271671	A	19971113	200707	E
			WO 1997GB3045	A	19971113		
EP 944354	B1	20070411	EP 1997912306	A	19971113	200726	E
			WO 1997GB3045	A	19971113		
JP 3902239	B2	20070404	WO 1997GB3045	A	19971113	200726	E
			JP 1998522281	A	19971113		
DE 69737604	E	20070524	DE 69737604	A	19971113	200735	E
			EP 1997912306	A	19971113		
			WO 1997GB3045	A	19971113		
ES 2286829	T3	20071201	EP 1997912306	A	19971113	200782	E
DE 69737604	T2	20071220	DE 69737604	A	19971113	200802	E
			EP 1997912306	A	19971113		
			WO 1997GB3045	A	19971113		

Priority Applications (no., kind, date): GB 199623575 A 19961113

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**an x-ray imaging device (16) relative to a patient (10) to permit the operator to select and obtain an x-ray image from a **selected anatomical** region. A plurality of light reflective markers (14) is located on the patient's body to define certain anatomical landmarks. The apparatus comprises an x... ... an x-ray imaging device (16) relative to a patient (10) to permit the operator to select and obtain an x-ray image from a **selected anatomical** region. A plurality of light reflective markers (14) is located on the patient's body to define certain anatomical landmarks. The apparatus comprises an x-ray... ... an x-ray imaging device (16) relative to a patient (10) to permit the operator to select and obtain an x-ray image from a **selected anatomical** region. A plurality of light reflective markers (14) is located on the patient's body to define certain anatomical landmarks. The apparatus comprises an x... ...**Claims:**Apparatus for aligning an imaging device relative to a **human** or animal **body** to enable an **image** of an operator **selected anatomical** region to be obtained, the apparatus comprising: a plurality of light reflective markers (14) for attachment to respective anatomical landmarks of the body, which landmarks... ... attached reflective markers; andan image processing computer (50) for receiving image data from the image sensor, the computer being arranged: a) to store or **access** a database of standard **patient records** including, for each of a plurality of anatomical regions, a locating position for the imaging device relative to the positions of said **anatomical** landmarks;b) to **select** an appropriate record from the database using operator input data for the patient to be imaged;c) to select from the selected record a relativeimaging device relative to a **human** or animal **body** to enable an **image** of an operator **selected anatomical** region to be obtained, the apparatus comprising: a plurality of light reflective markers for attachment to respective anatomical landmarks of the body, which landmarks mark... ... of standard patient records including, for each of a plurality of anatomical regions, a locating position for the imaging device corresponding to each of said **anatomical** landmarks; b) to **select** an appropriate record from the database using operator input data for a patient to be imaged; c) to select from the selected record a particular...

9/3,K/25 (Item 25 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0006445962 & & *Drawing available*
WPI Acc no: 1993-249567/199331
XRPX Acc No: N1993-192187

Operating pointer and arm with interactive computer graphics - switches operation of arm from use as pointer for pointing at patients anatomy to computer mouse mode to change functionality of computer

Patent Assignee: RADIONICS INC (RADI-N)

Inventor: COSMAN E R; GUTHRIE B L

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5230623	A	19930727	US 1991805371	A	19911210	199331	B

Priority Applications (no., kind, date): US 1991805371 A 19911210

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 5230623	A	EN	11	6	

...switches operation of arm from use as pointer for pointing at patients anatomy to computer mouse mode to change functionality of computer Alerting Abstract ...at the patient's anatomy and to serve as a surgical pointer. A position locator enables detection of the operating pointer position relative to the **patient**. A computer with **graphics displays** the **patient's anatomy** based on **image** data taken and is connected to the detector to display the operating pointer position... Original Publication Data by AuthorityArgentina**Publication No.**

...**Original Abstracts:**them is a neurosurgical operating arm which has electronic readout for coupling to a computergraphic display which shows the position of the arm relative to **patient anatomy**. In one **embodiment**, the arm has five angular degrees of freedom to achieve a pointer position anywhere in space, at any angle. Electronic readout from the arm positions and joint angles are assimilated into a computegraphic display system. The **display** system **displays** anatomical image **data** taken from the **patient** with modern imaging techniques. Calibration steps are described to relate the initialization and the patient-related calibrations of the operating arm during surgery. A manual... ... a bite or dental impression-based frame with localizer rods for providing fiducial points is described for intraoperative calibration of the arm relative to the **patient's anatomy**. Other **embodiments** of **pointers** involving optical or ultrasonic detection are given as examples. **Claims:**An operating pointer apparatus that can be changed from a pointer mode to a **point** at patient's **anatomy** to a computer mouse mode to change the functionality of a computer means, said apparatus comprising: (a) an operating pointer adapted to be positioned at... ... location means which enables a detection means to detect the position of said operating pointer relative to said patient's anatomy; (b) an computer with **graphics** means to **display** said **patient's anatomy** based on **image** data taken of said patient's anatomy and cooperatively connected to said detecting means so as to display the position of said operating pointer relative...

15/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0006604115 & & *Drawing available*

WPI Acc no: 1993-067566/199309

Related WPI Acc No: 1989-179644

XRPX Acc No: N1993-051836

Portable medical questionnaire presentation device - has manual input device enabling patient to indicate answer to displayed question and device automatically evaluating and reporting answers

Patent Assignee: ALTMAN L (ALTM-I); ROIZEN M (ROIZ-I); SUMMERELL D (SUMM-I); TURCOTTE W E (TURC-I)

Inventor: ALTMAN L; ROIZEN M; SUMMERELL D; TURCOTTE W E

Patent Family (3 patents, 2 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CA 2070561	A	19921207	CA 2070561	A	19920605	199309	B
US 5572421	A	19961105	US 1987130934	A	19871209	199650	E
			US 1991711616	A	19910606		
			US 1994253201	A	19940602		
CA 2070561	C	20030812				200360	E

Priority Applications (no., kind, date): US 1987130934 A 19871209; US 1991711616 A 19910606; US 1994253201 A 19940602

Alerting Abstract ...The portable, interactive medical questionnaire presentation device comprises a device for storing a series of **health**-related questions and **display** device for presenting the questions to a medically untrained patient. A manual input device enables the patient to indicate an answer to a displayed question... Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**to be used in printed reports. The microcomputer is programmed to tally the patient's answers and, on the basis of that information and objective **data supplied** by a **medical** staffer, to **present an** evaluation of **aspects** of the patient's **medical condition or health status**. The evaluation **may consist** of recommendations for tests, an analysis of the patient's general medical condition, an analysis of the patient's surgical risk, an analysis of the... ...**Claims:**being associated with said health symptom;(e) causing said history-taking device to consult said question storage means to present a selected sequence of said **questions** to said **patient**, causing said **history**-taking device to solicit a respective answer to each of said questions of said sequence, and causing said history-taking device to store each of said answers in said answer storage means;(f) causing said history-taking device to select, in turn, each of said plurality of candidate **anatomical** systems, and causing **said** history-taking device to consult said first list storage means to determine which **health** symptoms are associated **with** said **selected anatomical** system;(g) causing said history-taking device to **select**, in turn, **each of** said health symptoms determined in the previous step, and causing said **history**-taking device to **consult** said second list storage means to determine which questions are associated with said selected health symptom;(h) causing said history-taking device to select, in... ... causing said history-taking device to produce printer signals to cause an external printer to present in a printed report a report element associating said **selected anatomical** system with said **selected** health symptom.

15/3,K/10 (Item 10 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0006446337 & & *Drawing available*
WPI Acc no: 1993-249971/199331
XRPX Acc No: N1993-192501

X-ray CT system for selecting imaging types and areas w.r.t. body under examination - programs medical examination scheme based upon imaging type and area of body into memory, and reads examination scheme from memory to sequentially execute functions of scheme

Patent Assignee: TOSHIBA KK (TOKE)

Inventor: OZAKI M; SHINOHARA H

Patent Family (1 patents, 1 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5231651	A	19930727	US 1991678371	A	19910401	199331	B
			US 1992865666	A	19920407		

Priority Applications (no., kind, date): JP 199085173 A 19900330

X-ray CT system for selecting imaging types and areas w.r.t. body under examination... **Original Titles:** X-ray computerized tomographic method and apparatus with simple programmable **anatomical selecting** operation
Alerting Abstract ...USE/ADVANTAGE - Performing desirable routine inspection based upon **present** examination **data** plan, executes **medical** routine examination by manipulating key once only. Original Publication Data by Authority Argentina **Publication No. Original Abstracts:** In an X-ray CT (computerized tomographic) apparatus, a simple programmable **anatomical selecting** operation is realized. The X-ray CT apparatus comprises: selecting means for selecting at least one of imaging sorts and imaging portions with respect to... **Claims:** position and scanning conditions; and sequentially executing functions of said programmed examination scheme in response to a single starting instruction, thereby to obtain said CT **image** of the biological body.>

18/3,K/9 (Item 9 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0006942697 & & *Drawing available*

WPI Acc no: 1994-342102/199442

XRPX Acc No: N1994-268289

Computer graphic system for enhancing body structure visualisation - has 3 dimensional image of patient and external image of patient combined by computer for coordinated presentation of computer display for surgeon

Patent Assignee: GENERAL ELECTRIC CO (GENE)

Inventor: ALTOBELLI D E; CLINE H E; DARROW R D; DUMOULIN C L; KELLIHER T P; KIKINIS R ; LORENSEN W E; NAFIS C A

Patent Family (7 patents, 18 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1994024631	A1	19941027	WO 1994US2572	A	19940310	199442	B
EP 646263	A1	19950405	EP 1994913898	A	19940310	199518	E
			WO 1994US2572	A	19940310		
JP 7508449	W	19950921	JP 1994523167	A	19940310	199546	E
			WO 1994US2572	A	19940310		
IL 109349	A	19980405	IL 109349	A	19940419	199823	E
US 5740802	A	19980421	US 199349913	A	19930420	199823	E
			US 1994342690	A	19941121		
			US 1995569560	A	19951208		
EP 646263	B1	20000531	EP 1994913898	A	19940310	200031	E
			WO 1994US2572	A	19940310		
DE 69424733	E	20000706	DE 69424733	A	19940310	200039	E
			EP 1994913898	A	19940310		
			WO 1994US2572	A	19940310		

Priority Applications (no., kind, date): US 199349913 A 19930420; US 1994342690 A 19941121; US 1995569560 A 19951208

Original Publication Data by AuthorityArgentina**Publication No. Original Abstracts:**An interactive surgery planning and display system mixes live video of external surfaces of the patient with interactive computer **generated** models of internal **anatomy obtained** from **medical diagnostic** imaging data of the patient. The computer images and the live video are coordinated and displayed to a surgeon in real-time during surgery allowing... ... An interactive surgery planning and display system mixes live video of external surfaces of the patient with interactive computer generated **models** of internal **anatomy obtained** from **medical** diagnostic imaging **data** of the **patient**. The computer **images** and the **live** video are **coordinated** and **displayed** to a surgeon in real-time during surgery allowing the surgeon to view internal and external structures and the relation between them simultaneously, and adjust... ... An interactive surgery planning and display system mixes live video of external surfaces of the **patient** with interactive computer **generated models** of internal **anatomy** obtained from medical diagnostic imaging data of the **patient**. The **computer images** and **the** live video **are** coordinated and **displayed** to a **surgeon** in real-time during surgery allowing the surgeon to view internal and external structures and the relation between them simultaneously, and adjust his surgery accordingly... ...**Claims:**a patient comprising:-a) medical imaging device (10) to create volumetric three dimensional image data of internal structures of a patient (1) and to output **said** volumetric three dimensional **image data** of internal structures;b) an

imaging device (12) to provide in real time images of visible external structures of said patient (1);c) a tracking...
 ... segment said internal structures in such a way to be treated as separate solid object and to create images of said
 internal structures of said **patient** that coincide **with** the image **viewed** from said imaging device (12) from a
 different location and orientation;e) a model cut plane input device (40) and workstation view input device

22/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0009446094 & & *Drawing available*

WPI Acc no: 1999-385167/199932

Related WPI Acc No: 1998-530353; 2000-053392; 2001-326915; 2002-138144; 2003-441449; 2003-765667;
 2003-765668; 2004-070148; 2004-269128

XRFX Acc No: N1999-288491

Virtual reality three-dimensional visualization for surgical procedures

Patent Assignee: BURDETTE E C (BURD-I); BURDETTE MEDICAL SYSTEMS INC (BURD-N);

COMPUTERIZED MEDICAL SYSTEMS INC (COMP-N); HOLUPKA E J (HOLU-I); KAPLAN I D (KAPL-I)

Inventor: BURDETTE E C; HOLUPKA E J; KAPLAN I D

Patent Family (6 patents, 23 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1999026534	A1	19990603	WO 1998US24901	A	19981123	199932	B
AU 199915969	A	19990615	AU 199915969	A	19981123	199944	E
EP 1033934	A1	20000913	EP 1998960355	A	19981123	200046	E
			WO 1998US24901	A	19981123		
US 20010041838	A1	20011115	US 1997977362	A	19971124	200172	E
			US 2001897326	A	20010702		
CA 2311319	C	20050705	CA 2311319	A	19981123	200545	E
			WO 1998US24901	A	19981123		
US 7171255	B2	20070130	US 1995507199	A	19950726	200710	E
			US 1997977362	A	19971124		
			US 2001897326	A	20010702		

Priority Applications (no., kind, date): US 1995507199 A 19950726; US 1997977362 A 19971124; US
 2001897326 A 20010702

Alerting Abstract ...NOVELTY - A three-dimensional probe (12) accumulates image **data** from the **treatment**
 area of a **patient** and the **data** are processed by a three-dimensional imaging card (14) while a conventional
 personal computer (16) with a monitor operates on the image data. Radioactive seeds... ..and the probe provides

an image signal to the computer, while a virtual reality interface card (13) allows visualization of a translucent image of the **organ** and real time **interaction** with the implant needle (19) or a Foley catheter (20). Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:**apparatus utilize a system (10) for developing a therapy plan for treatment of an organ of the patient, a device (12) for generating ultrasound image **data** from a **treatment** region and a device (14) for providing a translucent volume image of a portion of a patient's body and a separate translucent image of... ... method and apparatus utilize a system for developing a therapy plan for treatment of an organ of the patient, a device for generating ultrasound image **data** from a **treatment** region and a device for providing a translucent volume image of a portion of a patient's body and a separate translucent image of the... ... method and apparatus utilize a system for developing a therapy plan for treatment of an organ of the patient, a device for generating ultrasound image **data** from a **treatment** region and a device for providing a translucent volume image of a portion of a patient's body and a separate translucent image of the... ... apparatus utilize a system (10) for developing a therapy plan for treatment of an organ of the patient, a device (12) for generating ultrasound image **data** from a **treatment** region and a device (14) for providing a translucent volume image of a portion of a patient's body and a separate translucent image of... ...**Claims:**of the body of a patient, comprising:means for developing a therapy plan for treatment of an organ of the patient;means for providing image **data** from a **treatment** region of the patient's body;means for providing a translucent volume image of a portion of a patient's body and a separate translucent... ... instructions executable by a processor for processing real-time image data to generate in substantially real time an image of a treatment region of a **patient's body** along with an **image** of a therapeutic device inserted inside the patient's body relative to the treatment region, the therapeutic device including a radiation source;one or more...

22/3,K/6 (Item 6 from file: 350)
 DIALOG(R)File 350: Derwent WPIX
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0007826909 & & *Drawing available*
 WPI Acc no: 1996-455671/199645
 XRPX Acc No: N1996-383917

Virtual surgery system - uses recorded expert simulations or real-time tutorial to perform functions of surgery tasks

Patent Assignee: GILLIO R G (GILL-I)
 Inventor: GILLIO R G

Patent Family (8 patents, 67 & countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1996030885	A1	19961003	WO 1996US4401	A	19960328	199645	B
AU 199653803	A	19961016	AU 199653803	A	19960328	199706	E
US 5704791	A	19980106	US 1995412805	A	19950329	199808	E
			US 1996678753	A	19960711		
US 5755577	A	19980526	US 1995412805	A	19950329	199828	E
			US 1996678318	A	19960711		
US 5791908	A	19980811	US 1995412805	A	19950329	199839	E
			US 1996678282	A	19960711		
US 5800177	A	19980901	US 1995412805	A	19950329	199842	E
			US 1996678319	A	19960711		
US 5800178	A	19980901	US 1995412805	A	19950329	199842	E
			US 1996680301	A	19960711		
US 5882206	A	19990316	US 1995412805	A	19950329	199918	E

Priority Applications (no., kind, date): US 1995412805 A 19950329; US 1996678282 A 19960711; US 1996678318 A 19960711; US 1996678319 A 19960711; US 1996678753 A 19960711; US 1996680301 A 19960711

Original Publication Data by AuthorityArgentina**Publication No. ...Original Abstracts:**image data. A simulator combined with a real exam requires simulation tasks by a test taker. Additionally, a surgical procedure may be simulated using image **data of a patient in** devices **simulating the** physical instruments a surgeon uses in performing the actual procedure, for example. The user input device, such as a mouse, three dimensional mouse, joystick, seven... ... the input device with the image data on a display screen. Force feedback can be provided based on based on physical constraint models (of the **anatomy**, for example), or **based** on edge and collision detection between the virtual scope or virtual tool used by the operator and walls or edges of the image data in... ... image data. A simulator combined with a real exam requires simulation tasks by a test taker. Additionally, a surgical procedure may be simulated using image **data of a patient in** devices **simulating the** physical **instruments** a surgeon **uses** in performing the actual procedure, for example. The user input device, such as a mouse, three dimensional mouse, joystick, seven dimensional joystick, full size simulator... ... and interaction of the input device with the image data on a display screen. Force feedback can be provided based on based on physical constraint **models** (of the **anatomy**, for example), or based on **edge** and collision **detection** between the virtual scope or virtual tool used by the operator and walls or edges of the image data in the image space. The virtual... ... on image data. A simulator combined with a real exam requires simulation tasks by a test taker.

B. Patent Files, Full-Text

File 348:EUROPEAN PATENTS 1978-200914

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File 349:PCT FULLTEXT 1979-2009/UB=20090319|UT=20090312

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Set	Items	Description
S1	9885	(CLICK??? OR DOUBLECLICK??? OR TAP OR TAPS OR TAPPED OR TAPPING OR SELECT??? OR (DEPRESS??? OR PRESS??? OR PUSH???) (2N) - (BUTTON OR BUTTONS OR KEY OR KEYS) OR POINT???) (3N) ((BODY OR - BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S2	5745	(ACTIVAT??? OR HIGHLIGHT??? OR HILIGHT??? OR (HI OR HIGH) (-) (LIGHT??? OR LITE? ?) OR (HOVER OR ROLL) () OVER OR ROLLOVER OR TRIGGER??? OR LINK??? OR INTERACT??? OR FOCUS??? OR ZOOM??? - OR EXECUT??? OR NAVIGAT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S3	78303	(MEDICAL OR HEALTH OR HEALTHCARE OR ILLNESS?? OR INJURY OR INJURIES OR MALADY OR MALADIES OR DISORDER? ? OR THERAPY OR THERAPIES OR MEDICATION? ? OR DISEASE? ? OR TREATMENT? ? OR CASE OR PATIENT OR PATIENTS) (3N) (HISTORY OR HISTORICAL OR HISTORIES OR BACKGROUND? ? OR STATUS OR RECORD OR RECORDS OR ANAMNESIS OR ANAMNESTIC OR CATAMNESIS OR CATAMNESTIC)
S4	9157	S3 (5N) (REVEAL??? OR REVELATION OR SHOW OR SHOWS OR SHOWED OR SHOWING OR DISPLAY??? OR VIEW??? OR DISCLOS??? OR EXPOSE? ? OR EXPOSING OR (BRING??? OR PULL???) () (UP OR OUT) OR (MAKE OR MAKES OR MAKING OR MADE) () (VISIBLE) OR SEE OR SEEING OR SEEN OR EXHIBIT??? OR PRESENT??? OR CHECK??? OR CONSULT??? OR TRIGGER??? OR SEARCH??? OR RETRIEV??? OR ACCESS??? OR VISUALIZ???)
S5	91545	(MEDICAL OR HEALTH OR HEALTHCARE OR PHYSIOLOGIC? OR BODY OR BODILY OR ANATOMIC? OR ANATOMY OR CORPOREAL) (3N) (IMAGE? ? OR AVATAR? ? OR MODEL? ? OR CHARACTER? ? OR GRAPHIC? ? OR REPRESENTATION? ? OR PICTURE OR PICTURES OR ALTER()EGO OR EMBODIMENT? ? OR MANIFESTATION? ? OR IMAGE()MAP OR DISPLAY???)
S6	27094	(VIRTUAL?? OR VISUAL? OR SIMULATED OR SIMULATION OR PERSONAL OR PERSONALIZED) (3N) (HUMAN OR HUMANOID OR BODY OR BODIES OR ANATOMY OR PERSONA OR PERSONAE OR PATIENT OR PATIENTS OR INDIVIDUAL? ?)
S7	23982	(S5 OR S6) (3N) (PATIENT OR PATIENTS OR PERSON OR PERSONS OR PEOPLE OR HUMAN OR USER OR USERS OR MAN OR WOMAN OR MALE OR FEMALE)
S8	4	S1 (5N) S4
S9	10	S1 (10N) S3
S10	6	S9 NOT S8
S11	1	S2 (10N) S4
S12	0	S11 NOT (S8 OR S10)
S13	12	S2 (10N) S3
S14	11	S13 NOT (S8 OR S10)
S15	338	S4 (5N) S5
S16	22	S15 AND S1
S17	19	S16 NOT (S8 OR S10 OR S14)
S18	0	S15 (30N) S2
S19	10	S15 AND S2
S20	4	S19 NOT (S8 OR S10 OR S14 OR S17)

8/3K/4 (Item 4 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00835844

METHOD AND SYSTEM FOR ACCESSING HEALTHCARE INFORMATION USING AN ANATOMIC USER INTERFACE

PROCEDE ET SYSTEME D'ACCES A DES INFORMATIONS DE SANTE, DANS LESQUELS UNE INTERFACE UTILISATEUR ANATOMIQUE EST EMPLOYEE

Patent Applicant/Patent Assignee:

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200 West Mercer Street, Suite 309, Seattle, WA 98119; US; US(Residence); US(Nationality)

Inventor(s):

LEWIS Gregory P

312 West Comstock Street, Seattle, WA 98119; US

GLASGOW James D

13449 First Avenue SW, Burien, WA 98146; US

Legal Representative:

CULIC Mary L(agent)

Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101; US;

	Country	Number	Kind	Date
Patent	WO	200169500	A1	20010920
Application	WO	2001US8062		20010312
Priorities	US	2000523569		20000310

Detailed Description:

...below, when an anatomic model 402 for the patient is displayed to the user by the anatomic user interface 58, the user may select a **view** menu option for **displaying** the **medical history** information of the **patient** related to a **selected anatomic** structure. The **anatomic** user interface 58 will then **display** the **patient medical history**, i.e., the order information related to the selected anatomic structure, in conjunction with patient anatomic model 402.

In addition to information regarding prior orders...the desired organ system is reached.

Once the user selects the anatomic structure for which medical history information is sought, the anatomic user interface 58 **displays** the **patient's medical history** related to the **selected anatomic** structure. This is accomplished by merging the patient database 97 with the anatomic database 42 via the anatomic data model 84 for display to the...

20/3K/4 (Item 3 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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00282768

ELECTRONIC MEDICAL RECORD USING TEXT DATABASE

REGISTRE MEDICAL ELECTRONIQUE UTILISANT UNE BASE DE DONNEES TEXTUELLES

Patent Applicant/Patent Assignee:

**SCOTT & WHITE MEMORIAL HOSPITAL AND SCOTT SHERWOOD AND BRINDLEY
FOUNDATION**

Inventor(s):

MYERS Dennis L

CULP Kim Steven

	Country	Number	Kind	Date
Patent	WO	9500914	A1	19950105
Application	WO	94US7146		19940624
Priorities	US	9384282		19930628

Detailed Description:

...an interface 24 used at the provider's workstations 18 for processing patient information. The interface 24 is the gateway through which the providers gain **access** to collections of individual **patient medical records**. Along with **retrieval** of **patient medical records**, the interface 24 provides **medical record display**, sorting, manipulation and analysis.

The interface 24 allows the providers to view a medical record in an easily understood format. The format of the patient... for that day. Each patient is listed by name and a unique patient identification code (the medical record number or "MRN").

The Main window 28 **displays medical record** data for the selected patient. A patient may be selected from the Available Documents window 26 by double-clicking 10 on the desired patient...the text. When less than the full chart is displayed, for any reason, the spiral icon 44 disappears to notify the provider that a partial **medical record** is being **displayed**.

The **present** invention uses a unique text-based system. Previous attempts to develop computer database architectures capable of storing and retrieving medical record information have failed to...Physician's Desk Reference, can be highlighted and linked to the text of the manual dealing with the medication. Consequently, when a provider selects a **highlighted** term from the **body portion**, a window with the associated information from the manual is placed on the screen.

IV. Text Search Results from Dialog

A. NPL Files, Abstract

File 35:Dissertation Abs Online 1861-2009/Mar
(c) 2009 ProQuest Info&Learning
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 Gale/Cengage
File 65:Inside Conferences 1993-2009/Apr 07
(c) 2009 BLDSC all rts. reserv.
File 2:INSPEC 1898-2009/Mar W5
(c) 2009 Institution of Electrical Engineers
File 474:New York Times Abs 1969-2009/Apr 06
(c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Apr 07
(c) 2009 The New York Times
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb
(c) 2009 The HW Wilson Co.
File 256:TecInfoSource 82-2009/Dec
(c) 2009 Info.Sources Inc

Set	Items	Description
S1	1054	(CLICK??? OR DOUBLECLICK??? OR TAP OR TAPS OR TAPPED OR TAPPING OR SELECT??? OR (DEPRESS??? OR PRESS??? OR PUSH???) (2N) - (BUTTON OR BUTTONS OR KEY OR KEYS) OR POINT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S2	1099	(ACTIVAT??? OR HIGHLIGHT??? OR HILIGHT??? OR (HI OR HIGH) (-) (LIGHT??? OR LITE? ?) OR (HOVER OR ROLL) () OVER OR ROLLOVER OR TRIGGER??? OR LINK??? OR INTERACT??? OR FOCUS??? OR ZOOM??? - OR EXECUT???? OR NAVIGAT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S3	44598	(MEDICAL OR HEALTH OR HEALTHCARE OR ILLNESS?? OR INJURY OR INJURIES OR MALADY OR MALADIES OR DISORDER? ? OR THERAPY OR THERAPIES OR MEDICATION? ? OR DISEASE? ? OR TREATMENT? ? OR CASE OR PATIENT OR PATIENTS) (3N) (HISTORY OR HISTORICAL OR HISTORIES OR BACKGROUND? ? OR STATUS OR RECORD OR RECORDS OR ANAMNESIS OR ANAMNESTIC OR CATAMNESIS OR CATAMNESTIC)
S4	3775	S3 (5N) (REVEAL??? OR REVELATION OR SHOW OR SHOWS OR SHOWED OR SHOWING OR DISPLAY??? OR VIEW??? OR DISCLOS??? OR EXPOSE? ? OR EXPOSING OR (BRING??? OR PULL???) () (UP OR OUT) OR (MAKE OR MAKES OR MAKING OR MADE) () (VISIBLE) OR SEE OR SEEING OR SEEN OR EXHIBIT??? OR PRESENT??? OR CHECK??? OR CONSULT??? OR TRIGGER??? OR SEARCH??? OR RETRIEV??? OR ACCESS??? OR VISUALIZ???)
S5	118204	(MEDICAL OR HEALTH OR HEALTHCARE OR PHYSIOLOGIC? OR BODY OR BODILY OR ANATOMIC? OR ANATOMY OR CORPOREAL) (3N) (IMAGE? ? OR AVATAR? ? OR MODEL? ? OR CHARACTER? ? OR GRAPHIC? ? OR REPRESENTATION? ? OR PICTURE OR PICTURES OR ALTER()EGO OR EMBODIMENT? ? OR MANIFESTATION? ? OR IMAGE()MAP OR DISPLAY???)
S6	28622	(VIRTUAL?? OR VISUAL? OR SIMULATED OR SIMULATION OR PERSONAL OR PERSONALIZED) (3N) (HUMAN OR HUMANOID OR BODY OR BODIES OR ANATOMY OR PERSONA OR PERSONAE OR PATIENT OR PATIENTS OR INDIVIDUAL? ?)
S7	21308	(S5 OR S6) (3N) (PATIENT OR PATIENTS OR PERSON OR PERSONS OR PEOPLE OR HUMAN OR USER OR USERS OR MAN OR WOMAN OR MALE OR FEMALE)

S8	1	S1 AND S4
S9	5	S1 AND S3
S10	4	S9 NOT S8
S11	3	RD (unique items)
S12	0	S2 AND S4
S13	8	S2 AND S3
S14	8	S13 NOT (S8 OR S11)
S15	8	RD (unique items)
S16	76	S4 AND S7
S17	76	S16 NOT (S8 OR S11 OR S15)
S18	26	S17 NOT PY>1997
S19	24	RD (unique items)

15/3,K/7 (Item 3 from file: 2)

DIALOG(R)File 2: INSPEC

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06237593 **INSPEC Abstract Number:** C9605-7330-225

Title: A computer based interactive learning and reference tool for transthoracic echocardiographic images

Author Binder, T.; Rehak, G.; Baumgartner, H.; Maurer, G.; Porenta, G.

Author Affiliation: Sch. of Med., Wien Univ., Austria

Conference Title: Computers in Cardiology 1995 (Cat. No.95CH35874) p. 617-20

Publisher: IEEE , New York, NY, USA

Publication Date: 1995 **Country of Publication:** USA xxv+813 pp.

ISBN: 0 7803 3053 6 **Material Identity Number:** XX96-00022

U.S. Copyright Clearance Center Code: 0276-6547/95/\$34.00

Conference Title: Computers in Cardiology 1995

Conference Sponsor: Nat. Inst. Health Div. of Comput. Res. & Technol.; Eur. Soc. Cardiology ; IEEE Eng. Med. & Biol. Soc

Conference Date: 10-13 Sept. 1995 **Conference Location:** Vienna, Austria

Language: English

Subfile: C

Copyright 1996, IEE

Abstract: ...Each case includes standard cut planes, M-mode, continuous wave- (CW), pulsed wave- (PW) and color Doppler. For each study a complete documentation including the **case history**, and the echocardiographic report is provided. Superimposed labels on the video images **highlight anatomic** and pathologic features. The system can be used as a training device, for the follow-up of patients or for the projection of studies during...

Identifiers: ...case history;

Astronomical Objects:

19/3,K/3 (Item 3 from file: 35)

DIALOG(R)File 35: Dissertation Abs Online

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01302215 ORDER NO: AADMM-74943

A DATABASE FOR AN INTENSIVE CARE UNIT PATIENT DATA MANAGEMENT SYSTEM

Author: FUMAI, NICOLA

Degree: M.ENG.

Year: 1992

Corporate Source/Institution: MCGILL UNIVERSITY (CANADA) (0781)

Source: Volume 31/03 of MASTERS ABSTRACTS. of Dissertations Abstracts International.
PAGE 1264 . 115 PAGES
ISBN: 0-315-74943-1

Computerization has had a large impact on hospital intensive care units, allowing continuous monitoring and **display** of **physiological patient** data. Treatment of the critically ill patient, however, now requires assimilating large amounts of patient data.

Computers can help by processing the data and displaying... ..integrated into the total hospital information system and the separate computer data must be jointly integrated into a new database which will become the primary **medical record**.

This thesis **presents** the design and implementation of a computerized database for an intensive care unit patient data management system being developed for the Montreal Children's Hospital...

19/3,K/9 (Item 1 from file: 65)
DIALOG(R)File 65: Inside Conferences
(c) 2009 BLDSC all rts. reserv. All rights reserved.

01734046 **Inside Conference Item ID:** CN017631452

Exploring LifeLines to Visualize Patient Records

Plaisant, C.; Rose, A.

Conference: American Medical Informatics Association: Beyond the superhighway; exploiting the internet with medical informatics - Annual Fall symposium

AMIA ANNUAL SYMPOSIUM , 1996 P: 884

Hanley & Belfus, 1996

ISBN: 1560532084

Language: English **Document Type:** Conference Papers

Editor: Cimino, J. J.

Sponsor: American Medical Informatics Association

Location: Washington, DC

Date: Oct 1996 (199610) (199610)

Exploring LifeLines to Visualize Patient Records

19/3,K/10 (Item 1 from file: 2)
DIALOG(R)File 2: INSPEC
(c) 2009 Institution of Electrical Engineers. All rights reserved.

06991087 **INSPEC Abstract Number:** C9809-7140-092

Title: A distributed, scalable, community care network architecture for wide-area electronic patient records: modeling and simulation

Author Ghosh, S.; Han, K.; Reddy, R.; Reddy, S.; Kankanaballi, S.; Jagannathan, J. ; Shank, R.

Author Affiliation: Dept. of Comput. Sci. & Eng., Arizona State Univ., Tempe, AZ, USA

Conference Title: Nineteenth Annual Symposium on Computer Applications in Medical Care. Toward Cost-Effective Clinical Computing. Proceedings p. 352-6

Editor(s): Gardner, R.M.

Publisher: Hanley & Belfus , Philadelphia, PA, USA

Publication Date: 1995 **Country of Publication:** USA xxxi+1051 pp.

ISBN: 1 56053 123 1 **Material Identity Number:** XX95-02617

Conference Title: Proceedings of Nineteenth Annual Symposium on Computer Applications in Medical Care

Conference Date: 28 Oct.-1 Nov. 1995 **Conference Location:** New Orleans, LA, USA

Language: English

Subfile: C

Copyright 1998, IEE

Title: A distributed, scalable, community care network architecture for wide-area electronic patient records: modeling and simulation

Abstract: This paper presents AMPReD, a distributed, scalable, community care network architecture that aims to provide real-time **access** to geographically-dispersed **patient medical records**. The AMPReD **model** includes stationary hospitals and medical clinics, mobile clinics, migrating doctors as well as patients, the communications network, and the patient medical record database. AMPReD's goals include: the accurate modeling of the propagation of **medical records**; and providing real-time **access** to **patient medical records** from anywhere in the system. To achieve these goals, an asynchronous, distributed algorithm must be developed that achieves concurrent access of multiple, autonomous databases. AMPReD...

19/3,K/11 (Item 2 from file: 2)

DIALOG(R)File 2: INSPEC

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06938734 **INSPEC Abstract Number:** C9807-7140-029

Title: Visual access tool to the computer-based patient record

Author Kindler, H.; Densow, D.; Mall, H.; Fliedner, T.M.

Author Affiliation: Inst. for Appl. Knowledge Process., Ulm, Germany

Conference Title: Design of Computing Systems: Cognitive Considerations. Proceedings of the Seventh International Conference on Human-Computer Interaction (HCI International '97) **Part** vol.1 p. 757-60 vol.1

Editor(s): Salvendy, G.; Smith, M.J.; Koubek, R.J.

Publisher: Elsevier , Amsterdam, Netherlands

Publication Date: 1997 **Country of Publication:** Netherlands 2 vol. (xxvi+879+xxviii+1027) pp.

ISBN: 0 444 82183 X **Material Identity Number:** XX97-01890

Conference Title: Proceedings of HCI International 97. 7th International Conference on Human Computer Interaction jointly with 13th Symposium on Human Interface

Conference Date: 24-29 Aug. 1997 **Conference Location:** San Francisco, CA, USA

Language: English

Subfile: C

Copyright 1998, IEE

Title: Visual access tool to the computer-based patient record

Abstract: ...the control of plants (C.M. Mitchell and R.A. Miller, 1983). The visualisation of the underlying process supports the personnel in running the plant. **Visualising** the **patient's** parameters and their temporal correlation will aid physicians and nurses in optimally caring for the patient. In the domain of anaesthesia, this approach has...

19/3,K/13 (Item 4 from file: 2)

DIALOG(R)File 2: INSPEC

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06848720 **INSPEC Abstract Number:** C9804-7140-086

Title: The link between medical images and the electronic patient record

Author Wingard, R.

Conference Title: Proceedings. Toward an Electronic Patient Record '96. Twelfth International Symposium on the Creation of Electronic Health Record System and Global Conference on Patient Cards **Part** vol.1 p. 145-6

vol.1

Publisher: Medical Records Inst , Newton, MA, USA

Publication Date: 1996 **Country of Publication:** USA 2 vol. (646+688) pp.

ISBN: 0 9640667 7 7 **Material Identity Number:** XX96-01611

Conference Title: Proceedings of 12th International Symposium on the Creation of Electronic Health Record Systems and Global Congress on Patient Cards

Conference Date: 13-18 May 1996 **Conference Location:** San Diego, CA, USA

Language: English

Subfile: C

Copyright 1998, IEE

Title: The link between medical images and the electronic patient record

Abstract: ...be able to be linked electronically with the patient medical record. As a result, physicians can provide improved care for their patients when they have access to the patient's medical images and medical record in the same electronic file. Many healthcare providers have instituted Picture Archive and Communication Systems (PACS) solutions so that the medical images can be accessed electronically. However, today's PACS solutions are departmental and cannot be utilized by all users on a network. The solution for accessing the medical record and the medical images must be cost-justified and productivity-enhancing, and must be integrated with the electronic information system. The answer is a medical imaging product which... ..variety of sources to be utilized. Providing enterprise-wide access to medical images saves time and reduces the personnel costs required to physically move the images. Integrating medical images with the electronic patient record allows the healthcare provider a cost-justified information solution which improves patient care.

19/3,K/15 (Item 6 from file: 2)

DIALOG(R)File 2: INSPEC

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06787533 **INSPEC Abstract Number:** B9802-7540-002, C9802-7140-082

Title: Medical images and electronic patient information: finding the link

Author Goel, H.

Author Affiliation: IMNET Syst. Inc., USA

Conference Title: Toward an Electronic Patient '97. Conference and Exposition. Proceedings **Part** vol.2 p. 234-5 vol.2

Editor(s): Waegemann, C.P.

Publisher: Med. Records Inst , Newton, MA, USA

Publication Date: 1997 **Country of Publication:** USA 3 vol. (387+324+379) pp.

ISBN: 0 9640667 9 3 **Material Identity Number:** XX97-03129

Conference Title: Proceedings of TEPR '97. Toward an Electronic Patient Record '97

Conference Date: 27 April-3 May 1997 **Conference Location:** Nashville, TN, USA

Language: English

Subfile: B C

Copyright 1997, IEE

Title: Medical images and electronic patient information: finding the link

Abstract: Medical images and electronic patient information have been separated by a seemingly impenetrable barrier. With the ever-growing influence of managed care, the race is now on to electronically link... ..They supply the missing link between radiology and the rest of the enterprise by providing PACS image acquisition, display, and archiving components, and integration between medical images and electronic patient information. This allows users in radiology and throughout the enterprise to view every aspect of a patient's medical record at any time, from anywhere. By combining all patient information together in the same database, infoPACS solutions remove a major barrier to true enterprise-wide...

19/3,K/18 (Item 9 from file: 2)
DIALOG(R)File 2: INSPEC
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05969612 **INSPEC Abstract Number:** C9507-7140-096

Title: A medical practitioner network

Author Chan, C.W.; Pang, S.C.; Pung, K.S.; Lee, B.S.

Author Affiliation: Sch. of Electr. & Electron. Eng., Nanyang Technol. Univ., Singapore

Journal: IES Journal vol.34, no.1 p. 48-50

Publication Date: Feb. 1994 **Country of Publication:** Singapore

CODEN: IEJOD4 **ISSN:** 0377-7464

Language: English

Subfile: C

Copyright 1995, IEE

Abstract: ...of two major system components: the GUI screen for viewing X-rays images, and the organization of the network. The medical practitioner network provides physicians **access** to the medical **records** of the **patient** through the **personal** computer. The GUI allows the physicians to navigate through patient files, select images, access reports, and perform remote consultations. The patient's records and X...

Identifiers: ...medical record access;

Astronomical Objects:

19/3,K/19 (Item 10 from file: 2)
DIALOG(R)File 2: INSPEC
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05754345 **INSPEC Abstract Number:** B9410-6210L-072, C9410-7140-033

Title: Integrated medical practitioner network

Author Chan Choong Wah; Lee Bu Sung; Pang Siam Chuan; Pung Kuin Sen

Author Affiliation: Nanyang Technol. Univ., Singapore

Part vol.1 p. 523-6 vol.1

Editor(s): Yuan Baozong

Publisher: IEEE , New York, NY, USA

Publication Date: 1993 **Country of Publication:** USA 5 vol. (xxvi+1206+xvii+676+xv+580+xvii+619) pp.

ISBN: 0 7803 1233 3

Conference Title: Proceedings of TENCON '93. IEEE Region 10 International Conference on Computers, Communications and Automation

Conference Date: 19-21 Oct. 1993 **Conference Location:** Beijing, China

Language: English

Subfile: B C

Abstract: ...system components: the user interface screen for viewing X-ray images, and the organization of the network. The integrated medical practitioner network provides physicians with **access** to medical **records** of the **patient** through a **personal** computer. The **user** interface allows physicians to navigate through patient files, select images, access reports, and perform remote consultations. The patient's records and X-ray images are...

File 5:Biosis Previews(R) 1926-2009/Mar W5

(c) 2009 The Thomson Corporation

File 73:EMBASE 1974-2009/Apr 03

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File 155:MEDLINE(R) 1950-2009/Apr 03

(c) format only 2009 Dialog
File 34:SciSearch(R) Cited Ref Sci 1990-2009/Mar W5
(c) 2009 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 2006 The Thomson Corp

Set	Items	Description
S1	15726	(CLICK??? OR DOUBLECLICK??? OR TAP OR TAPS OR TAPPED OR TAPPING OR SELECT??? OR (DEPRESS??? OR PRESS??? OR PUSH???) (2N) - (BUTTON OR BUTTONS OR KEY OR KEYS) OR POINT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S2	17596	(ACTIVAT??? OR HIGHLIGHT??? OR HILIGHT??? OR (HI OR HIGH) (-) (LIGHT??? OR LITE? ?) OR (HOVER OR ROLL) () OVER OR ROLLOVER OR TRIGGER??? OR LINK??? OR INTERACT??? OR FOCUS??? OR ZOOM??? - OR EXECUT???? OR NAVIGAT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S3	1198270	(MEDICAL OR HEALTH OR HEALTHCARE OR ILLNESS?? OR INJURY OR INJURIES OR MALADY OR MALADIES OR DISORDER? ? OR THERAPY OR THERAPIES OR MEDICATION? ? OR DISEASE? ? OR TREATMENT? ? OR CASE OR PATIENT OR PATIENTS) (3N) (HISTORY OR HISTORICAL OR HISTORIES OR BACKGROUND? ? OR STATUS OR RECORD OR RECORDS OR ANAMNESIS OR ANAMNESTIC OR CATAMNESIS OR CATAMNESTIC)
S4	61511	S3 (5N) (REVEAL??? OR REVELATION OR SHOW OR SHOWS OR SHOWED OR SHOWING OR DISPLAY??? OR VIEW??? OR DISCLOS??? OR EXPOSE? ? OR EXPOSING OR (BRING??? OR PULL???) () (UP OR OUT) OR (MAKE OR MAKES OR MAKING OR MADE) () (VISIBLE) OR SEE OR SEEING OR SEEN OR EXHIBIT??? OR PRESENT??? OR CHECK??? OR CONSULT??? OR TRIGGER??? OR SEARCH??? OR RETRIEV??? OR ACCESS??? OR VISUALIZ???)
S5	207786	(MEDICAL OR HEALTH OR HEALTHCARE OR PHYSIOLOGIC? OR BODY OR BODILY OR ANATOMIC? OR ANATOMY OR CORPOREAL) (3N) (IMAGE? ? OR AVATAR? ? OR MODEL? ? OR CHARACTER? ? OR GRAPHIC? ? OR REPRESENTATION? ? OR PICTURE OR PICTURES OR ALTER()EGO OR EMBODIMENT? ? OR MANIFESTATION? ? OR IMAGE()MAP OR DISPLAY???)
S6	173353	(VIRTUAL?? OR VISUAL? OR SIMULATED OR SIMULATION OR PERSONAL OR PERSONALIZED) (3N) (HUMAN OR HUMANOID OR BODY OR BODIES OR ANATOMY OR PERSONA OR PERSONAE OR PATIENT OR PATIENTS OR INDIVIDUAL? ?)
S7	158632	(S5 OR S6) (3N) (PATIENT OR PATIENTS OR PERSON OR PERSONS OR PEOPLE OR HUMAN OR USER OR USERS OR MAN OR WOMAN OR MALE OR FEMALE)
S8	10	S1 AND S4
S9	345	S1 AND S3
S10	4	S9 AND S7
S11	4	S10 NOT S8
S12	2	RD (unique items)
S13	3	S9 AND S5
S14	3	S13 NOT (S8 OR S12)
S15	3	RD (unique items)
S16	4	S9 AND S6
S17	2	S16 NOT (S8 OR S12 OR S15)
S18	1	RD (unique items)
S19	17	S2 AND S4
S20	5	S19 AND (S5 OR S6)
S21	5	S20 NOT (S8 OR S12 OR S15 OR S18)
S22	2	RD (unique items)
S23	277	S2 AND S3
S24	22	S23 AND (S5 OR S6)
S25	8	S24NOT (S8 OR S12 OR S15 OR S18 OR S22)

S26	7	RD (unique items)
S27	231	S4 (5N) S7
S28	230	S27 NOT (S8 OR S12 OR S15 OR S18 OR S22 OR S26)
S29	85	S28 NOT PY>1997
S30	56	RD (unique items)
S31	0	S30 AND (S1 OR S2)

No Valid Results for Priority Date

B. NPL Files, Full-text

File 15:ABI/Inform(R) 1971-2009/Apr 04
(c) 2009 ProQuest Info&Learning

File 9:Business & Industry(R) Jul/1994-2009/Apr 06
(c) 2009 Gale/Cengage

File 610:Business Wire 1999-2009/Apr 01
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(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2009/Mar 13
(c) 2009 Gale/Cengage

File 624:McGraw-Hill Publications 1985-2009/Apr 07
(c) 2009 McGraw-Hill Co. Inc

File 621:Gale Group New Prod.Annou. (R) 1985-2009/Mar 03
(c) 2009 Gale/Cengage

File 636:Gale Group Newsletter DB(TM) 1987-2009/Mar 18
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File 613:PR Newswire 1999-2009/Apr 08
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File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2009/Mar 17
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File 160:Gale Group PROMT(R) 1972-1989
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Set	Items	Description
S1	1495	(CLICK??? OR DOUBLECLICK??? OR TAP OR TAPS OR TAPPED OR TAPPING OR SELECT??? OR (DEPRESS??? OR PRESS??? OR PUSH???) (2N) - (BUTTON OR BUTTONS OR KEY OR KEYS) OR POINT???) (3N) ((BODY OR - BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S2	3928	(ACTIVAT??? OR HIGHLIGHT??? OR HILIGHT??? OR (HI OR HIGH) (-) (LIGHT??? OR LITE? ?) OR (HOVER OR ROLL) () OVER OR ROLLOVER OR TRIGGER??? OR LINK??? OR INTERACT??? OR FOCUS??? OR ZOOM??? - OR EXECUT??? OR NAVIGAT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S3	271676	(MEDICAL OR HEALTH OR HEALTHCARE OR ILLNESS?? OR INJURY OR INJURIES OR MALADY OR MALADIES OR DISORDER? ? OR THERAPY OR THERAPIES OR MEDICATION? ? OR DISEASE? ? OR TREATMENT? ? OR CASE OR PATIENT OR PATIENTS) (3N) (HISTORY OR HISTORICAL OR HISTO-

RIES OR BACKGROUND? ? OR STATUS OR RECORD OR RECORDS OR ANAMN-
ESIS OR ANAMNESTIC OR CATAMNESIS OR CATAMNESTIC)

S4 36810 S3 (5N) (REVEAL??? OR REVELATION OR SHOW OR SHOWS OR SHOWED
OR SHOWING OR DISPLAY??? OR VIEW??? OR DISCLOS??? OR EXPOSE? ?
OR EXPOSING OR (BRING??? OR PULL???) () (UP OR OUT) OR (MAKE OR
MAKES OR MAKING OR MADE) () (VISIBLE) OR SEE OR SEEING OR SEEN
OR EXHIBIT??? OR PRESENT??? OR CHECK??? OR CONSULT??? OR TRIG-
GER??? OR SEARCH??? OR RETRIEV??? OR ACCESS??? OR VISUALIZ???)

S5 93972 (MEDICAL OR HEALTH OR HEALTHCARE OR PHYSIOLOGIC? OR BODY OR
BODILY OR ANATOMIC? OR ANATOMY OR CORPOREAL) (3N) (IMAGE? ? OR
AVATAR? ? OR MODEL? ? OR CHARACTER? ? OR GRAPHIC? ? OR REPRES-
ENTATION? ? OR PICTURE OR PICTURES OR ALTER()EGO OR EMBODIMEN-
T? ? OR MANIFESTATION? ? OR IMAGE()MAP OR DISPLAY???)

S6 74237 (VIRTUAL?? OR VISUAL? OR SIMULATED OR SIMULATION OR PERSON-
AL OR PERSONALIZED) (3N) (HUMAN OR HUMANOID OR BODY OR BODIES OR
ANATOMY OR PERSONA OR PERSONAE OR PATIENT OR PATIENTS OR IND-
IVIDUAL? ?)

S7 36787 (S5 OR S6) (3N) (PATIENT OR PATIENTS OR PERSON OR PERSONS OR
PEOPLE OR HUMAN OR USER OR USERS OR MAN OR WOMAN OR MALE OR F-
EMALE)

S8 0 S1 (5N) S4

S9 2 S1 (20N) S4

S10 11 S1 (20N) S3

S11 9 S10 NOT S9

S12 5 RD (unique items)

S13 1 S2 (20N) S4

S14 0 S13 NOT (S9 OR S12)

S15 7 S2 (20N) S3

S16 4 S15 NOT (S9 OR S12)

S17 4 RD (unique items)

S18 447 S4 (3N) S7

S19 2 S18 AND (S1 OR S2)

S20 1 S19 NOT (S9 OR S12 OR S17)

S21 518 S4 (2N) S5

S22 1 S21 AND (S1 OR S2)

S23 0 S22 NOT (S9 OR S12 OR S17 OR S20)

S24 14 (S18 OR S21) (10N) CLICK???

S25 13 S24 NOT (S9 OR S12 OR S17 OR S20)

9/3,K/2 (Item 1 from file: 636)

DIALOG(R)File 636: Gale Group Newsletter DB(TM)

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06651001 **Supplier Number:** 169188242 (USE FORMAT 7 FOR FULLTEXT)

Virtual body helps MDs visualize information.

M2 Presswire , p NA

Sept 27 , 2007

Language: English **Record Type:** Fulltext

Document Type: Newswire ; Trade

Word Count: 285

-

...skin to see the cardiovascular or muscular system. The patient records are organized visually; when a patient complains of knee pain, for example, the doctor **clicks** on that **body part** and sees all relevant records.

Learn more: IBM Research Unveils 3D Avatar to Help Doctors
Visualize Patient Records and Improve Care (press

release)

(M2 Communications Ltd disclaims all liability for information provided within M2 PressWIRE. Data prepared by named party/parties. Further information...

12/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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04861188 1567965111

Visual Computing Will Change Your Life

Kay, Roger L

Business Week (Online) pp: n/a

Oct 6, 2008

Journal Code: BWOL

Word Count: 1090

Text:

...offers a similar capability in a 3D medical information application called Medical Information Hub. Implemented by Thy-Mors and Aalborg Hospitals in Denmark, it maps **patient records** onto a representation of the human body so doctors can **click** on a **body part** and see related links, including descriptions, published papers, common diseases, treatments, and sometimes even the **patients** related **history**.

Videoconferencing can substitute for travel, saving expenses. But really good high-definition videoconferencing still costs a bundle.

Hewlett-Packard's (HPQ) Halo and Cisco's...

20/3,K/1 (Item 1 from file: 9)

DIALOG(R)File 9: Business & Industry(R)

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04355131 Supplier Number: 172382953 (USE FORMAT 7 OR 9 FOR FULLTEXT)

IBM takes 3-D innovation to the doctor's office: researchers unveil prototype software that lets physicians better visualize medical data.

(PRODUCT DEVELOPMENT)

Industry Week , v 256 , n 11 , p 53

November 2007

Document Type: Journal **ISSN:** 0039-0895 (United States)

Language: English **Record Type:** Fulltext

Word Count: 182 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...how manufacturers are using visualization software to grow their businesses? Look no further than IBM Research, which recently unveiled

prototype software that allows doctors to **visualize patient medical records** using an interactive **model** of the **human body**. Opportunities abound as medical records transition from paper-based to electronic models.

(ILLUSTRATION OMITTED)

The technology uses an avatar--a three-dimensional representation of the...
...Doctors also can get views beneath the skin.

Technical challenges for the IBM researchers included integrating heterogeneous data sources and complex text-based information, and **linking** that to the **anatomical** model in both a meaningful and easy-to-navigate way. Looking ahead, researchers will explore integrating speech technology into the ASME.

25/3,K/10 (Item 5 from file: 275)
DIALOG(R)File 275: Gale Group Computer
DB(TM)
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01449771

Supplier Number: 11213417 (Use Format
7 Or 9 For FULL TEXT)
**SSI challenges your intellect and
your senses in a new game. (Strategic Simulations Inc.'s Eye of the Beholder
computer game) (Software Review) (After Hours)**

Brenesal, Barry
PC
Magazine , v10 , n16 , p498(1)
Sept 24 , 1991

Document Type: evaluation
ISSN: 0888-8507

Language: ENGLISH **Record Type:** FULLTEXT

Word Count: 766 **Line
Count:** 00058

...are more diverse and very distinctive, for example, and skills develop automatically during play. From the main screen, bar charts and icons in the graphical **user** interface **display** your **health status** and your selection of hand-held objects. You can **click** on or choose Inventory for a closer view of a character's possessions.

The artwork (using Electronic Arts' Deluxe Paint) is extremely well drawn. Although...

File 634:San Jose Mercury Jun 1985-2009/Apr 03
(c) 2009 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2009/Mar 24
(c) 2009 Gale/Cengage
File 20:Dialog Global Reporter 1997-2009/Apr 08
(c) 2009 Dialog
File 149:TGG Health&Wellness DB(SM) 1976-2009/Mar W1
(c) 2009 Gale/Cengage
File 444:New England Journal of Med. 1985-2009/Dec W2
(c) 2009 Mass. Med. Soc.

Set	Items	Description
S1	3122	(CLICK??? OR DOUBLECLICK??? OR TAP OR TAPS OR TAPPED OR TAPPING OR SELECT??? OR (DEPRESS??? OR PRESS??? OR PUSH???) (2N) - (BUTTON OR BUTTONS OR KEY OR KEYS) OR POINT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S2	8328	(ACTIVAT??? OR HIGHLIGHT??? OR HILIGHT??? OR (HI OR HIGH) (-) (LIGHT??? OR LITE? ?) OR (HOVER OR ROLL) () OVER OR ROLLOVER OR TRIGGER??? OR LINK??? OR INTERACT??? OR FOCUS??? OR ZOOM??? - OR EXECUT???? OR NAVIGAT???) (3N) ((BODY OR BODIES OR BODILY) (3N) (PART? ? OR PORTION? ? OR AREA? ? OR SECTION? ?) OR BODYPART? ? OR APPENDAGE OR APPENDAGES OR LIMB OR LIMBS OR ANATOMY OR ANATOMIC?? OR ORGAN OR ORGANS)
S3	370632	(MEDICAL OR HEALTH OR HEALTHCARE OR ILLNESS?? OR INJURY OR INJURIES OR MALADY OR MALADIES OR DISORDER? ? OR THERAPY OR THERAPIES OR MEDICATION? ? OR DISEASE? ? OR TREATMENT? ? OR CASE OR PATIENT OR PATIENTS) (3N) (HISTORY OR HISTORICAL OR HISTORIES OR BACKGROUND? ? OR STATUS OR RECORD OR RECORDS OR ANAMNESIS OR ANAMNESTIC OR CATAMNESIS OR CATAMNESTIC)
S4	43055	S3 (5N) (REVEAL??? OR REVELATION OR SHOW OR SHOWS OR SHOWED OR SHOWING OR DISPLAY??? OR VIEW??? OR DISCLOS??? OR EXPOSE? ? OR EXPOSING OR (BRING??? OR PULL???) () (UP OR OUT) OR (MAKE OR MAKES OR MAKING OR MADE) () (VISIBLE) OR SEE OR SEEING OR SEEN OR EXHIBIT??? OR PRESENT??? OR CHECK??? OR CONSULT??? OR TRIGGER??? OR SEARCH??? OR RETRIEV??? OR ACCESS??? OR VISUALIZ???)
S5	106900	(MEDICAL OR HEALTH OR HEALTHCARE OR PHYSIOLOGIC? OR BODY OR BODILY OR ANATOMIC? OR ANATOMY OR CORPOREAL) (3N) (IMAGE? ? OR AVATAR? ? OR MODEL? ? OR CHARACTER? ? OR GRAPHIC? ? OR REPRESENTATION? ? OR PICTURE OR PICTURES OR ALTER()EGO OR EMBODIMENT? ? OR MANIFESTATION? ? OR IMAGE()MAP OR DISPLAY???)
S6	77864	(VIRTUAL?? OR VISUAL? OR SIMULATED OR SIMULATION OR PERSONAL OR PERSONALIZED) (3N) (HUMAN OR HUMANOID OR BODY OR BODIES OR ANATOMY OR PERSONA OR PERSONAE OR PATIENT OR PATIENTS OR INDIVIDUAL? ?)
S7	39974	(S5 OR S6) (3N) (PATIENT OR PATIENTS OR PERSON OR PERSONS OR PEOPLE OR HUMAN OR USER OR USERS OR MAN OR WOMAN OR MALE OR FEMALE)
S8	1	S1 (5N) S4
S9	4	S1 (20N) S4
S10	3	S9 NOT S8
S11	3	RD (unique items)
S12	17	S1 (20N) S3
S13	13	S12 NOT (S8 OR S11)
S14	9	RD (unique items)
S15	5	S2 (20N) S4
S16	3	S15 NOT (S8 OR S11 OR S14)
S17	3	RD (unique items)
S18	15	S2 (20N) S3
S19	11	S18 NOT (S8 OR S11 OR S14 OR S17)
S20	11	RD (unique items)
S21	350	S4 (2N) S7

S22	37	S21 AND CLICK???
S23	34	S22 NOT (S8 OR S11 OR S14 OR S17)
S24	1	S23 NOT PY>1997
S25	364	S4 (2N) S5
S26	43	S25 AND CLICK???
S27	23	S26 NOT (S8 OR S11 OR S14 OR S17 OR S22)
S28	0	S27 NOT PY>1997

14/3,K/4 (Item 4 from file: 148)
 DIALOG(R)File 148: Gale Group Trade & Industry DB
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07270185 **Supplier Number:** 15395148 (USE FORMAT 7 OR 9 FOR FULL TEXT)
HouseCall eases medical choices. (Applied Medical Informatics) (Brief Article) (Product Announcement)

Welch, Nathalie
 MacWEEK , v8 , n22 , p5(1)
 May 30 , 1994
Document Type: Product Announcement
 ISSN: 0892-8118
Language: ENGLISH
Record Type: FULLTEXT
Word Count: 254 **Line Count:** 00020

...and medical terms.

HouseCall includes information on 1,110 disease symptoms and creates a ranked list of probable causes when users type in symptoms or **click** on **body-part** icons. AMI said users will be able to maintain an unlimited number of personal **medical records** .

HouseCall provides data on 2,890 drugs, including side effects and adverse drug interactions. An on-line medical encyclopedia contains more than 10,000 terms...

V. Additional Resources Searched

Nexis

medical histor! w/p click! w/p body part!

CD-ROM World

November 1, 1994

Playing doctor.;
 overview of home medical reference CD-ROMs;
 Product Information

BYLINE: Holzberg, Carol S.

SECTION: Pg. p54(5) Vol. V9 No. N10 ISSN: 1066-274X

LENGTH: 2321 words

ABSTRACT

Home medical reference CD-ROMs provide users with valuable information in a multimedia format. A.D.A.M. Software's A.D.A.M.: The Inside Story provides an examination of human anatomy appropriate for both adults and children, while IVI Publishing's Mayo Clinic The Total Heart features easy-to-read articles for lay people. Knowledge Adventure's 3-D Body Adventure is an excellent anatomy program for children. CD-ROM guides to physical health and well-being provide information about illnesses, symptoms and treatments. Pixel Perfect Software's Home Medical Advisor Pro is the best multimedia medical reference source. It is clearly written with a non-medical audience in mind. Creative Multimedia Corp's The Family Doctor, Third Edition, closely follows Home Medical as an information-rich, user-friendly reference source. The Mayo Clinic Family Pharmacist offers the best CD-ROM drug guide. Special sections dealing with early detection and first aid are particularly useful.

A mouse click changes the perspective between male and female, alters the model's ethnicity, examines anterior or posterior views, zooms in for closer looks, and more..... Graphics or text can be printed, and a full-text search option makes finding a body part simple. It has an ultra-easy-to-use interface and--one of the things I liked best about it--Body and Mind doesn't use up any hard disk space or modify your system files..... I was able to track my family medical history with the Cd's medical records module, print articles, obtain glossary definitions, and construct a living will. Despite its occasional stodgy look and feel, Home Medical Advisor Pro is a very thorough multimedia medical reference, written in plain English for the non-medically minded. It's the best of the roundup.....